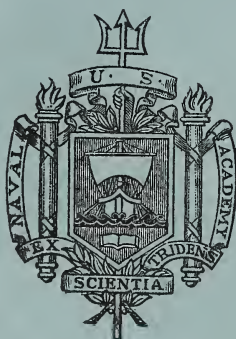


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ANNUAL REGISTER
UNITED STATES
NAVAL ACADEMY
ANNAPOLIS, MD. ✠

EIGHTY-EIGHTH ACADEMIC
YEAR, 1932-1933 ✠ ✠



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ANNUAL REGISTER

OF THE

UNITED STATES NAVAL ACADEMY

ANNAPOLIS, MD.

SEPTEMBER 23, 1932

EIGHTY-EIGHTH ACADEMIC YEAR

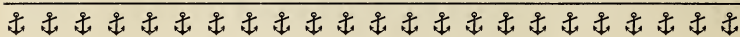
1932-1933



UNITED STATES

GOVERNMENT PRINTING OFFICE

WASHINGTON : 1932



THE MISSION

TO mold the material received into educated gentlemen, thoroughly indoctrinated with honor, uprightness, and truth, with practical rather than academic minds, with thorough loyalty to country, with a groundwork of educational fundamentals upon which experience afloat may build the finished naval officer, capable of upholding, whenever and wherever may be necessary, the honor of the United States; and withal giving due consideration that healthy minds in healthy bodies are necessities for the fulfillment of the individual missions of the graduates; and that fullest efficiency under this mission can only be attained if, through just and humane yet firm discipline, the graduates carry into the service respect and admiration for this academy

NOTE: On October 25, 1930, the Association of American Universities placed the United States Naval Academy on its approved list of universities and colleges.

THE UNITED STATES NAVAL ACADEMY

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up for the purpose by the War Department by the Hon. William L. Marcy, then Secretary of War. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick.
Commander Franklin Buchanan.
Commander Samuel F. DuPont.
Commander George P. Upshur.
Surg. W. S. W. Ruschemberger.
Prof. William Chauvenet.
Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner.
Capt. Samuel L. Breese.
Commander C. K. Stribling.
Commander A. Bigelow.
Commander Franklin Buchanan.
Lieut. Thomas T. Craven.

The change recommended by the board of examiners and adopted by the department consisted mainly in leaving out the requirements of three years of sea service in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851,

together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the remainder of the class followed in 1855.

In May, 1861, on the outbreak of the war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management still being conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subjects of steam engineering mechanism, chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

An act of Congress approved June 23, 1874, provides as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That in all cases when it shall come to the knowledge of the Superintendent of the Naval Academy, at Annapolis, that any cadet midshipman or cadet engineer has been guilty of the offense commonly known as hazing, it shall be the duty of said superintendent to order a court-martial, composed of not less than three commissioned officers, who shall minutely examine into all the facts and circumstances of the case and make a finding thereon; and any cadet midshipman or cadet engineer found guilty of said offense by said court shall, upon recommendation of said court, be dismissed; and such finding, when approved by said superintendent, shall be final; and the cadet so dismissed from said Naval Academy shall be forever ineligible to reappointment to said Naval Academy."

By an act of Congress approved August 5, 1882, it was provided that from that date—

"There shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: And provided further, That no greater number of appointments into

these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in order of merit, as determined by the academic board of the Naval Academy; the assignment of the various corps to be made by the Secretary of the Navy upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed.

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that—

"The academic board of the Naval Academy shall, on or before the thirtieth day of September in each year, separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: *Provided*, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two, shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number

of final graduates of that year the surplus vacancies shall be filled from the final graduates of the following years as they shall become available.

"That after the fourth day of March, eighteen hundred and eighty-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the maximum age twenty years."

In October, 1897, a postgraduate course in naval architecture for the education of officers for the Construction Corps of the Navy was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were transferred to the "Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the postgraduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that—

"The title 'naval cadet' is hereby changed to 'midshipman.'"

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that—

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, Districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: *Provided further*, That Members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, District, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, District, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, District, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a com-

missioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

"That the provision of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the Governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

"All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class, unless recommended by the board of examiners." (R. S. sec. 1515.)

"When any candidate who has been nominated upon the recommendation of a Member or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Member or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section." (R. S. sec. 1516.)

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"Sec. 2. That so much of the acts approved June twenty-third, eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said academy, and also all other acts or parts of acts inconsistent with the present act, are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"SEC. 3. That the Superintendent of the United States Naval Academy may, in his discretion, and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing, may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided*, That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"SEC. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgment of any right, privilege, or advantage to which he shall be legally entitled.

"SEC. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be tried by court-martial for neglect of duty, and, if convicted, he shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"SEC. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial if by existing law such sentence would be now necessary for such punishment or punished more severley than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress, June 29, 1906, it was provided that—

"Hereafter, the Secretary of the Navy shall, as soon as possible after the first day of June of each year preceeding the graduation of the midshipmen on the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case

may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist, and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: *Provided*, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: *And provided*, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, according to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: *And provided further*, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That the midshipmen on graduation shall be commissioned ensigns in the Navy or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

By an act of Congress passed June 30, 1914, it was provided—

"Hereafter, in addition to the appointments of midshipmen to the United States Naval Academy as now prescribed by law, the Secretary of the Navy is allowed fifteen appointments annually from the enlisted men of the Navy who are citizens of the United States and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination required before entrance under existing law."

An act of Congress approved February 15, 1916, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That hereafter there shall be allowed at the

United States Naval Academy three midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, ten appointed each year at large, and fifteen appointed annually from enlisted men of the Navy, as now authorized by law.

"SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

Public Resolution, No. 7, Sixty-fourth Congress, approved February 15, 1916, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and he hereby is, authorized to permit Mr. Carlos Hevia y Reyes Gavilan, a citizen of Cuba, to receive instruction at the United States Naval Academy at Annapolis: Provided, That no expense shall be caused to the United States thereby, and that the said Carlos Hevia y Reyes Gavilan shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Carlos Hevia y Reyes Gavilan shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies, or conduct, and so recommended by the academic board."

An act of Congress approved August 29, 1916, reads:

"From and after the passage of this act there shall be appointed every year, in the following manner, a Board of Visitors, to visit the academy, the date of the annual visit of the board aforesaid to be fixed by the Secretary of the Navy: Seven persons shall be appointed by the President and four Senators and five Members of the House of Representatives shall be designated as visitors by the Vice President or President pro tempore of the Senate and the Speaker of the House of Representatives, respectively, in the month of January of each year. The chairman of the Committee on Naval Affairs of the Senate and chairman of the Committee on Naval Affairs of the House of Representatives shall be ex officio members of said board.

"Each member of said board shall receive while engaged upon duties as a member of the board not to exceed \$5 a day and actual expenses of travel by the shortest mail routes." (39 Stat., 608, chap. 417.)

An act of Congress approved August 29, 1916, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the President is hereby allowed fifteen appointments annually instead of ten as now prescribed by law, and the Secretary of the Navy is allowed twenty-five appointments annually instead of fifteen as now prescribed by law, the latter to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: *Provided*, That such appointments shall be made in the order of merit from candidates who have in competition with each other passed the mental examination now or hereafter required by law for entrance to the Naval Academy and who passed the physical examinations required before entrance under existing laws.

"That hereafter the Secretary of the Navy is authorized to permit not exceeding four Filipinos, to be designated, one for each class, by the Governor General of the Philippine Islands, to receive instruction at the United States Naval Academy at Annapolis, Maryland: *Provided*, That the Filipinos undergoing instruction, as herein authorized, shall receive the same pay, allowances, and emoluments, to be paid out of the same appropriations, and shall be subject to the same rules and regulations governing admission, attendance, discipline,

resignation, discharge, dismissal, and graduation as are authorized by law and regulation for midshipmen appointed from the United States, but the Filipino midshipmen herein authorized shall not be entitled to appointment to any commissioned office in the United States Navy by reason of their graduation from the Naval Academy.

"Provided further, That no midshipman at the United States Naval Academy or cadet at the United States Military Academy who fails to graduate therefrom shall be eligible for appointment as a commissioned officer in the Marine Corps until after the graduation of the class of which he was a member."

An act of Congress approved March 4, 1917, provides as follows:

"Hereafter, in addition to the appointment of midshipmen to the United States Naval Academy, as now prescribed by law, the Secretary of the Navy is allowed one hundred appointments annually instead of twenty-five as now prescribed by law, to be appointed from the enlisted men of the Navy who are citizens of the United States, and not more than twenty years of age on the date of entrance to the Naval Academy, and who shall have served not less than one year as enlisted men on the date of entrance: Provided, That such appointments shall be made in the order of merit from candidates who have, in competition with each other, passed the mental examination now or hereafter required by law for entrance to the Naval Academy, and who passed the physical examination before entrance under existing laws."

"The President, in his discretion, is authorized to reduce the course of instruction at the Naval Academy from four to three years for a period of two years from the date of the approval of this act, and may during said two years graduate classes which have completed a three-year course."

An act of Congress approved April 25, 1917, reads as follows:

"AN ACT To increase the number of midshipmen at the Naval Academy until September first, nineteen hundred and eighteen"

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That, in addition to the number of midshipmen now authorized by law, there shall be appointed during the period from the date of passage of this act until September first, nineteen hundred and eighteen, one additional midshipman for each Senator, Representative, and Delegate in Congress. Nominations shall be made for these vacancies by the Senators, Representatives, and Delegates concerned for any regular or special examination that may be ordered before that date."

An act of Congress approved December 20, 1917, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, as now authorized by law."

"SEC. 2. That all acts or parts of acts inconsistent with the provisions of this act are hereby repealed."

An act of Congress approved April 2, 1918, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the President be, and he is hereby, authorized, until August first, nineteen hundred and twenty-one, to reduce, in his discretion, the course of instruction at the United States Naval Academy from four to three years and to graduate classes which have completed such reduced courses of instruction."

The classes following were graduated in accordance with the act of Congress of April 2, 1918, authorizing a reduction in the course.

Class	Date graduated	Members graduated
1917-----	Mar. 29, 1917	182
1918-----	June 28, 1917	199
1919-----	June 6, 1918	199
1920-----	June 6, 1919	460
1921 (first half)-----	June 3, 1920	286

On June 6, 1919, the class of 1921 was divided, and the first half, according to general merit for the third-class year, became the first class and continued the three years' course; the second half became the second class and resumed the four years' course.

An act of Congress approved May 14, 1918, reads as follows:

"AN ACT To fix the age limits for candidates for admission to the United States Naval Academy

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That hereafter all candidates for admission to the Naval Academy must be not less than sixteen years of age nor more than twenty years of age on April first of the calendar year in which they enter the academy: Provided, That the foregoing shall not apply to candidates for midshipmen designated for entrance to the academy in nineteen hundred and eighteen."

An act of Congress approved July 11, 1919, reads as follows:

"Section 1 of the act entitled 'An act to increase the number of midshipmen at the United States Naval Academy,' approved December 20, 1917, is hereby amended so as to read as follows: That hereafter there shall be allowed at the United States Naval Academy five midshipmen for each Senator, Representative, Delegate in Congress, and Resident Commissioner from Porto Rico, and five for the District of Columbia, fifteen appointed each year at large, and one hundred appointed annually from enlisted men of the Navy, and members of the Naval Reserve Force on active duty, as now authorized by law."

This act also provides that all midshipmen entering the Naval Academy subsequent to June 1, 1919, shall be allowed mileage, at 5 cents per mile, while proceeding from their homes to the Naval Academy for examination and appointment as midshipmen, and that the pay of midshipmen shall hereafter be \$780 per annum.

The following clause was contained in the deficiency act approved June 5, 1920:

"That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms."

A clause in the naval appropriation bill, act of July 12, 1921, provides that a candidate for midshipman so desiring may receive a credit of \$250 upon entrance toward defraying the entering expenses.

INSTRUCTIONS TO CANDIDATES FOR MIDSHIPMEN REGARDING ENTRANCE DEPOSIT

Each candidate who has qualified mentally and physically must, before being admitted as a midshipman, deposit with the midshipmen's storekeeper the sum of \$100, to be used in part payment to cover cost of uniforms, clothing, textbooks, etc. The amount deposited is not refunded but is expended for clothing and textbooks, which become the property of the midshipman.

An act of Congress approved July 12, 1921, reads as follows: "*Provided, That hereafter each new midshipman shall, upon admission to the Naval Academy, be*

credited with the sum of \$250 to cover the cost of his initial clothing and equipment issue, to be deducted subsequently from his pay: *Provided further*, That the foregoing proviso shall apply to midshipmen who enter the Naval Academy during the period between June 20, 1921, and the date of the approval of this act." This sum is needed in addition to the \$100 cash deposit referred to above to complete paying for the uniforms, clothing, textbooks, etc., required before a midshipman enters upon his studies. This amount is deducted from the midshipman's pay in monthly installments. Any midshipman may, however, immediately after entering the academy repay this amount in full from his own funds and thus obviate the necessity of having a certain amount deducted monthly from his pay for this purpose. It is urgently recommended that all those midshipmen financially able to do so make the repayment as soon as possible after entering the academy.

An act providing for the readmission of certain deficient midshipmen to the United States Naval Academy, approved October 22, 1921, reads as follows:

"Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy is authorized, upon application, to admit to and reinstate in the United States Naval Academy, subject to examination as to physical qualifications, as provided by law, but waiving the provisions of law as to age requirements, all former midshipmen at the United States Naval Academy found deficient at the end of the first term of the academic year 1920-21 whose resignations were asked for and received by the Superintendent of the Naval Academy: *Provided*, That they shall upon admission be placed in the class one year behind their former class in each case: *Provided further*, That said midshipmen affected by this act must signify their acceptance of the benefits thereof by presenting themselves for physical examination within one month of the date of its approval, and if found qualified will enter the Naval Academy immediately.

"SEC. 2. That the clause in the act approved June 5, 1920 (Forty-first Statutes p. 1028), entitled 'An act making appropriations to supply deficiencies in appropriations for the fiscal year ending June 30, 1920, and for other purposes,' which reads as follows: 'That until otherwise provided by law no midshipman found deficient at the close of the last and succeeding academic terms shall be involuntarily discontinued at the Naval Academy or in the service unless he shall fail upon reexamination in the subjects in which found deficient at an examination to be held at the beginning of the next and succeeding academic terms, and the Secretary of the Navy shall provide for the special instruction of such midshipmen in the subjects in which found deficient during the period between academic terms,' be, and the same hereby is, repealed, and section 1519 of the Revised Statutes restored to its full force and effect."

Public Resolution No. 72, Sixty-seventh Congress, approved September 18, 1922, provides as follows:

"Resolved by the Senate and House of Representatives of the United States of America in Congress assembled, That the Secretary of the Navy be, and hereby is, authorized to permit Mr. Willem van Doorn, a subject of the Netherlands, to receive instruction at the United States Naval Academy at Annapolis: *Provided*, That no expense shall be caused to the United States thereby, and that the said Willem van Doorn shall agree to comply with all regulations for the police and discipline of the academy, to be studious, and to give his utmost efforts to accomplish the course in the various departments of instruction, and that the said Willem van Doorn shall not be admitted to the academy until he shall have passed the mental and physical examinations prescribed for candidates from the United States, and that he shall be immediately withdrawn if deficient in studies or conduct and so recommended by the academic board."

An act of Congress approved January 22, 1923, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission, subsequent to the class entering the Naval Academy next after the approval of this act, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of one midshipman from Porto Rico, appointed on the nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved May 28, 1924, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to February 9, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 11, 1925, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to December 13, 1924, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of two midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large or from the enlisted personnel of the naval service."

An act of Congress approved February 28, 1925, reads as follows:

"That hereafter the Secretary of the Navy is authorized to appoint midshipmen to the Naval Academy from the enlisted men of the Naval Reserve and Marine Corps Reserve under similar conditions as prescribed by law for appointments from enlisted men of the Navy: *Provided*, That not more than twenty-five midshipmen shall be appointed in any one year under the authority contained in this section." (See 8, Public No. 512—H. R. 9634.)

An act of Congress approved May 21, 1926, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January 13, 1926, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large from the enlisted personnel of the naval service or from the Naval Reserve: *And provided further*, That in computing for any purpose the length of service of any officer of the Navy, of the Marine Corps, of the Coast Guard, of the Coast and Geodetic Survey, or of the Public Health Service, who was appointed to the United States Naval Academy or to the United States Military Academy after March 4, 1913, the time spent at either academy shall not be counted."

An act of Congress approved June 8, 1926, reads as follows:

"That the number of cadets now authorized by law at the United States Military Academy, and the number of midshipmen now authorized by law at the United States Naval Academy, are each hereby increased by forty from the United States at large, to be appointed by the President from among the sons of officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps of the United States who were killed in action or died prior to July 2, 1921, of wounds or injuries received or disease contracted in line of duty during the World War: *Provided*, That one-half shall be appointed from among the sons of officers, and one-half from among the sons of warrant officers, soldiers, sailors, and marines of the Army, Navy, and Marine Corps." (Public Act 348.)

An act of Congress approved February 26, 1927, reads as follows:

"That the act entitled 'An act to fix the age limits for candidates for admission to the United States Naval Academy,' approved May 14, 1918, be amended by the addition of the following proviso: '*Provided further*, That the foregoing shall not be held to exclude the admission of a candidate the twentieth anniversary of whose birth occurs on the 1st day of April of the calendar year in which he shall enter.'"

An act of Congress approved May 21, 1928, reads as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to March 21, 1928, would result in exceeding at any time an allowance of four midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of four midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve."

An act of Congress approved May 28, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That hereafter there shall be allowed at the United States Naval Academy, in addition to those allowed by existing law, midshipmen appointed at large by the Vice President of the United States, equivalent in number to those allowed for each United States Senator."

An act of Congress approved June 8, 1928, reads as follows:

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled*, That the Secretary of the Navy is authorized and directed to reinstate Larry Cardwell in the United States Naval Academy, of which he was a midshipman at the time of his discharge on November 19, 1926; the said Larry Cardwell to become a member of the class of 1930 on the date of reinstatement, and to be accorded all rights, privileges, and benefits to which he would have been entitled had he not been so discharged."

An act of Congress approved February 28, 1931, reads as follows:

"That the appropriation 'Pay, subsistence, and transportation, Navy, 1931,' shall be available for the pay and allowances of all officers commissioned in accordance with law, and shall be available to pay one year's sea pay to surplus graduates of the Naval Academy, as provided by law: *Provided further*, That the President of the United States, by and with the advice and consent of the Senate, is hereby authorized to appoint as ensigns in the line of the Navy all midshipmen who graduate from the Naval Academy in the year 1931, but if the number so commissioned should exceed the total number of officers of the line of the Navy authorized by existing law, the excess shall be carried in the grade of ensign: * * * *Provided further*, That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January,

30, 1931, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia, except that nothing herein shall deny pay to or prevent the admission of any midshipman admissible within the number of appointments permissible under the provisions of the naval appropriation act for the fiscal year 1931 who may enter the Naval Academy in the class entering next after the approval of this act: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve: *Provided further*, That no part of this appropriation shall be available for the pay of any midshipman appointed from enlisted men of the Navy for admission to the Naval Academy in the class entering in the calendar year 1932 who has not served aboard a vessel of the Navy in full commission for at least nine months prior to such admission."

An act of Congress approved May 6, 1932, provides as follows:

"That the President of the United States is authorized, by and with the advice and consent of the Senate, to appoint as ensigns in the line of the Navy all midshipmen who graduate from the Naval Academy in 1932, and at least 50 per centum of all graduates in subsequent years: *Provided*, That the number of such officers so appointed shall, while in excess of the total number of line officers otherwise authorized by law, be considered in excess of the number of officers in the grade of ensign as determined by any computation, and shall be excluded from any computation made for the purpose of determining the authorized number of line officers in any grade on the active list above the grade of lieutenant junior grade, until the total number of line officers shall have been reduced below the number otherwise authorized by law.

"SEC. 2. That all commissions hereafter issued as ensigns in the line of the Navy, second lieutenants in the Marine Corps, and in the lowest commissioned grades of the Staff Corps of the Navy with the rank of ensign, may be revoked by the Secretary of the Navy, under such regulations as he may prescribe, at any time during a period of two years from the dates of such commissions, and each officer whose commission is so revoked shall be discharged from the service with not more than one year's pay. The rank of such officers of the same date of commission among themselves at the end of said period shall be determined by boards of officers under such rules as may be prescribed by the Secretary of the Navy, and the recommendations of such boards shall be final when approved by him."

An act of Congress approved June 30, 1932, provides as follows:

"That no part of this appropriation shall be available for the pay of any midshipmen whose admission subsequent to January 30, 1932, would result in exceeding at any time an allowance of three midshipmen for each Senator, Representative, and Delegate in Congress; of one midshipman for Porto Rico, a native of the island, appointed on nomination of the governor, and of three midshipmen from Porto Rico, appointed on nomination of the Resident Commissioner; and of two midshipmen for the District of Columbia: *Provided further*, That nothing herein shall be construed to repeal or modify in any way existing laws relative to the appointment of midshipmen at large, from the enlisted personnel of the naval service, or from the Naval Reserve: *Provided further*, That no part of this appropriation shall be available for the pay of any midshipman appointed from enlisted men of the Navy for admission to the Naval Academy in the class entering in the calendar year 1933 who has not served aboard a vessel of the Navy in full commission for at least nine months prior to such admission."

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY

	Assumed command
Commander Franklin Buchanan.....	Sept. 3, 1845
Commander George P. Upshur.....	Mar. 15, 1847
Commander Cornelius K. Stribling.....	July 1, 1850
Commander Louis M. Goldsborough.....	Nov. 1, 1853
Capt. George S. Blake.....	Sept. 15, 1857
Rear Admiral David D. Porter.....	Sept. 9, 1865
Commodore John L. Worden.....	Dec. 1, 1869
Rear Admiral Christopher R. P. Rodgers.....	Sept. 22, 1874
Commodore Foxhall A. Parker.....	July 1, 1878
Rear Admiral George B. Balch.....	Aug. 2, 1879
Rear Admiral Christopher R. P. Rodgers.....	June 13, 1881
Capt. Francis M. Ramsay.....	Nov. 14, 1881
Commander William T. Sampson.....	Sept. 9, 1886
Capt. Robert L. Pythian.....	June 13, 1890
Capt. Philip H. Cooper.....	Nov. 15, 1894
Rear Admiral Frederick V. McNair.....	July 15, 1898
Commander Richard Wainwright.....	Mar. 15, 1900
Capt. Willard H. Brownson.....	Nov. 6, 1902
Rear Admiral James H. Sands.....	July 1, 1905
Capt. Charles J. Badger.....	July 15, 1907
Capt. John M. Bowyer.....	June 10, 1909
Capt. John H. Gibbons.....	May 15, 1911
Capt. William F. Fullam.....	Feb. 7, 1914
Capt. Edward W. Eberle.....	Sept. 20, 1915
Capt. Archibald H. Scales.....	Feb. 12, 1919
Rear Admiral Henry B. Wilson.....	July 5, 1921
Rear Admiral Louis M. Nulton.....	Feb. 23, 1925
Rear Admiral Samuel S. Robison.....	June 16, 1928
Rear Admiral Thomas C. Hart.....	May 1, 1931

BOARD OF VISITORS

BY THE PRESIDENT

Hon. Augustus C. Backus.¹
Mr. Alan Fox.
Mr. John C. O'Laughlin.
Mr. George F. Booth.

General Milton J. Foreman.
Admiral Hugh Rodman, United States
Navy (retired).
Captain J. Otto Fisher, United States
Navy (retired).

BY THE VICE PRESIDENT

Senator Ellison D. Smith.¹
Senator Frederick Hale.¹
Senator Henry W. Keyes.¹

Senator Tasker L. Oddie.¹
Senator George McGill.¹

BY THE SPEAKER OF THE HOUSE

Representative Carl Vinson.¹
Representative John C. Allen.
Representative Menalcus Lankford.²

Representative Frank C. Kniffin.
Representative Leonard W. Schuetz.¹
Representative Joachim O. Fernandez.

Commander William D. Chandler, jr., United States Navy, Secretary to the
Board of Visitors

ACADEMIC CALENDAR, 1932-33

1932

September 23..... Beginning of first term..... Friday.

1933

January 30.....	Beginning of second term.....	Monday.
February 15.....	Examination of candidates.....	Wednesday.
April 19.....	Examination of candidates.....	Wednesday.
May 26.....	End of academic year.....	Friday.
May 27 to June 1.	Graduation week.....	Saturday to Thursday.
June 1.....	Graduation day.....	Thursday.
June 2.....	Beginning of summer term.....	Friday.
September 28.....	End of summer term.....	Thursday.
September 29.....	Beginning of academic year 1933-34.	Friday.

The academic months for 1932-33 will end as follows:

FIRST TERM		SECOND TERM	
October.....	October 22.	February.....	February 25.
November.....	November 19.	March.....	March 25.
December.....	December 17.	April.....	April 22.
January.....	January 28.	May.....	May 26.

Holidays:

Thanksgiving, Thursday, November 24, 1932—from 1600 Wednesday, November 23, until supper formation November 24.

Christmas holiday, from after fifth period December 23, 1932, until evening roll call January 2, 1933.

Washington's Birthday, Wednesday, February 22, 1933—from 1940 Tuesday, February 21, until supper formation February 22.

Memorial Day, Tuesday, May 30, 1933.

Lent:

Ash Wednesday, March 1, 1933.

Good Friday, April 14, 1933.

Easter Sunday, April 16, 1933.

Meeting of Board of Visitors, April 24-27, inclusive.

CALENDAR FOR 1932 AND 1933

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

SEPTEMBER							APRIL						
Su	M	T	W	T	F	S	Su	M	T	W	T	F	S
				1	2	3							1
4	5	6	7	8	9	10	2	3	4	5	6	7	8
11	12	13	14	15	16	17	9	10	11	12	13	14	15
18	19	20	21	22	23	24	16	17	18	19	20	21	22
25	26	27	28	29	30		23	24	25	26	27	28	29
							30						
OCTOBER							MAY						
						1							
2	3	4	5	6	7	8	7	8	2	3	4	5	6
9	10	11	12	13	14	15	14	15	9	10	11	12	13
16	17	18	19	20	21	22	21	22	16	17	18	19	20
23	24	25	26	27	28	29	28	29	23	24	25	26	27
30	31								30	31			
NOVEMBER							JUNE						
6	7	1	2	3	4	5	4	5	6	7	1	2	3
13	14	8	9	10	11	12	11	12	13	14	8	9	10
20	21	15	16	17	18	19	18	19	20	21	15	16	17
27	28	22	23	24	25	26	25	26	27	28	22	23	24
DECEMBER							JULY						
				1	2	3							
4	5	6	7	8	9	10	2	3	4	5	6	7	1
11	12	13	14	15	16	17	9	10	11	12	13	14	8
18	19	20	21	22	23	24	16	17	18	19	20	21	15
25	26	27	28	29	30	31	23	24	25	26	27	28	22
							30	31					29
JANUARY							AUGUST						
1	2	3	4	5	6	7	6	7	1	2	3	4	5
8	9	10	11	12	13	14	13	14	8	9	10	11	12
15	16	17	18	19	20	21	20	21	15	16	17	18	19
22	23	24	25	26	27	28	27	28	22	23	24	25	26
29	30	31							29	30	31		
FEBRUARY							SEPTEMBER						
5	6	7	1	2	3	4	3	4	5	6	7	1	2
12	13	14	15	16	17	18	10	11	12	13	14	8	9
19	20	21	22	23	24	25	17	18	19	20	21	15	16
26	27	28					24	25	26	27	28	22	23
												29	30
MARCH							OCTOBER						
5	6	7	1	2	3	4	1	2	3	4	5	6	7
12	13	14	8	9	10	11	8	9	10	11	12	13	14
19	20	21	15	16	17	18	15	16	17	18	19	20	21
26	27	28	22	23	24	25	22	23	24	25	26	27	28

DEPARTMENTAL ASSIGNMENTS OF OFFICERS AND CIVILIAN INSTRUCTORS ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1932-33

ADMINISTRATION

Rear Admiral Thomas C. Hart, *Superintendent*.
 Commander George L. Weyler, *Aide for Academic Activities*.
 Lieut. Commander Lynde D. McCormick, *Aide*.
 Mr. Peter H. Magruder, *Secretary, Naval Academy*.

BUILDINGS AND GROUNDS

Capt. Turner F. Caldwell, *Aide, In Charge of Buildings and Grounds*.
 Lieut. Commander Robert D. Kirkpatrick, *Assistant to Aide in Charge of Buildings and Grounds*.
 Lieut. Commander Theron A. Hartung (C. E. C.), *Assistant to Aide in Charge of Buildings and Grounds*.
 Chief Machinist Robert I. Hart, *Safety Engineer and Boiler Inspector*.

EXECUTIVE DEPARTMENT

Capt. Ralston S. Holmes, <i>Commandant of Midshipmen</i> .	Lieut. (J. G.) Eugene E. Paro.
Commander William W. Smith.	Lieut. (J. G.) William G. Beecher, jr.
Commander Harry W. Hill.	Lieut. (J. G.) William E. Hank.
Commander Thomas S. King, 2d.	Capt. Roland W. Schumann (S. C.), <i>Midshipmen's Commissary Officer</i> .
Commander George J. McMillin.	Capt. David G. McRitchie (S. C.), <i>Midshipmen's Storekeeper and Pay Officer</i> .
Lieut. Commander Robert Rowe Thompson.	Lieut. Percy W. McCord (S. C.), <i>Assistant to Midshipmen's Commissary Officer</i> .
Lieut. Commander William G. Greenman.	Lieut. Albert W. Eldred (S. C.), <i>Assistant to Midshipmen's Commissary Officer</i> .
Lieut. Commander William G. B. Hatch.	Lieut. Stephen R. Edson (S. C.), <i>in Charge of Navy Commissary Store</i> .
Lieut. Commander Charles P. Cecil.	Chief Pay Clerk Claude W. Hamilton, <i>Navy Commissary Store</i> .
Lieut. George M. O'Rear.	Asst. Prof. Joseph W. Crosley.
Lieut. Robert Holmes Smith.	
Lieut. William A. Swanston.	
Lieut. (J. G.) Joseph A. Callaghan.	
Lieut. (J. G.) William S. Hays.	
Lieut. (J. G.) Martin R. Peterson.	

DEPARTMENT OF SEAMANSHIP AND FLIGHT TACTICS

Capt. Lemuel M. Stevens.	Lieut. William F. Fitzgerald, jr.
Commander Freeland A. Daubin.	Lieut. (J. G.) Sumner K. MacLean.
Commander Alfred S. Wolfe.	Lieut. (J. G.) Herman Sall.
Lieut. Commander Arthur G. Robinson.	Lieut. (J. G.) Roy W. Lajeunesse.
Lieut. Commander Rawson J. Valentine.	Lieut. (J. G.) William V. Deutermann.
Lieut. Commander John M. Field, jr.	Lieut. (J. G.) Wilfred E. Lankenau.
Lieut. Commander Paul W. Rutledge.	Lieut. (J. G.) James C. Landstreet.
Lieut. Commander Herbert J. Grassie.	Lieut. (J. G.) John F. Greenslade.
Lieut. Commander Pal L. Meadows.	Lieut. (J. G.) Robert R. Johnson.
Lieut. Clarence V. Conlan.	Chief Boatswain William M. Casstevens.

DEPARTMENT OF ORDNANCE AND GUNNERY

Commander Clyde R. Robinson.
 Commander Robert P. Guiler, jr.
 Lieut. Commander Forrest U. Lake.
 Lieut. Commander Thomas G. Peyton.
 Lieut. Commander Robert B. Twining.
 Lieut. Ferguson B. Bryan.
 Lieut. Paul J. Register.
 Lieut. Walter S. Keller.
 Lieut. Richard F. Stout.
 Lieut. (J. G.) Philip M. Boltz.
 Lieut. (J. G.) Virginius R. Roane.

Lieut. (J. G.) Donald J. Ramsey.
 Lieut. (J. G.) Glenn R. Hartwig.
 Lieut. (J. G.) Harrell W. Hall.
 Lieut. (J. G.) Clarence L. Winecoff.
 Lieut. (J. G.) Edmund B. Taylor.
 Lieut. (J. G.) Morton C. Mumma, jr.
 Lieut. (J. G.) Herbert McNulta, jr.
 Lieut. (J. G.) Ernest J. Davis.
 Lieut. (J. G.) Loren A. Morris.
 Chief Gunner Earle G. Gardner.

DEPARTMENT OF NAVIGATION

Capt. Russell Willson.
 Commander Jesse B. Oldendorf.
 Commander Thomas L. Gatch.
 Lieut. Commander Donald F. Patterson.
 Lieut. Commander George D. Hull.
 Lieut. Commander Harry P. Curley.
 Lieut. Commander Henry F. Floyd.
 Lieut. Commander Henry P. Samson.
 Lieut. Commander Lewis H. McDonald.

Lieut. Commander William D. Austin.
 Lieut. Commander Marshall B. Arnold.
 Lieut. Commander William Earl Miller.
 Lieut. Earle H. Kincaid.
 Lieut. Thomas B. Brittain.
 Lieut. Norman B. Hopkins.
 Lieut. Bailey Connelly.
 Lieut. Hilyer F. Gearing.
 Lieut. (J. G.) Elijah W. Irish.

DEPARTMENT OF ENGINEERING AND AERONAUTICS

Commander Albert M. Penn.
 Commander Frank T. Leighton.
 Commander Walter A. Riedel.
 Lieut. Commander Carl E. Hoard.
 Lieut. Commander Valentine Wood.
 Lieut. Commander Myron W. Hutchinson, jr.
 Lieut. Benton W. Decker.
 Lieut. Austin K. Doyle.
 Lieut. Rupert M. Zimmerli.
 Lieut. George M. Brooke.
 Lieut. Oral R. Swigart.
 Lieut. Daniel B. Candler, jr.
 Lieut. (J. G.) William J. Mitchell.
 Lieut. (J. G.) Paul Graf.
 Lieut. (J. G.) Herrmann G. Page.
 Lieut. (J. G.) Solomon F. Oden.
 Lieut. (J. G.) Thomas S. Cameron.
 Lieut. (J. G.) John H. Morrill.
 Lieut. (J. G.) George M. Brydon, jr.
 Lieut. (J. G.) Frank R. Davis.

Lieut. (J. G.) Harold B. Edgar.
 Lieut. (J. G.) Neville L. McDowell.
 Lieut. (J. G.) Charles J. Stuart.
 Lieut. (J. G.) George Edward Peterson.
 Lieut. (J. G.) Stanley P. Moseley.
 Lieut. (J. G.) James S. Smith, jr.
 Lieut. (J. G.) Charles E. Tolman, jr.
 Lieut. (J. G.) James R. Hanna.
 Lieut. (J. G.) Alexander C. Thorington.
 Lieut. (J. G.) Austin C. Behan.
 Lieut. (J. G.) John W. Steele.
 Lieut. (J. G.) Francis D. McCorkle.
 Capt. Theodore W. Johnson (Math.).
 Lieut. George W. Henderson (C. C.).
 Lieut. Edward C. Craig (C. C.).
 Lieut. Robert C. Bell, jr. (C. C.).
 Lieut. Emmett E. Sprung (C. C.).
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 Lieut. (J. G.) Joseph A. Farrell, jr.
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 Lieut. (J. G.) William S. Veeder.
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 Prof. William E. Olivet.
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 Ensign Gordon W. Underwood.¹
 Lieut. Commander Everett B. Taylor
 (M. C.).²
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 U. S. M. C.¹
 Second Lieut. Harvey C. Tschirgi,
 U. S. M. C.¹

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 Asst. Chief Instructor John Schutz.
 Asst. Chief Instructor Frank J. Sazama.
 Instructor Henry Ortland, jr.
 Instructor John N. Wilson.
 Instructor Tom G. Taylor.
 Instructor Hamilton M. Webb.
 Instructor Frank L. Foster.
 Instructor Walter Aamold.
 Instructor Charles S. Walsh.
 Instructor Earl J. Thomson.

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Capt. Edward H. H. Old (M. C.).

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Capt. Edward H. H. Old (M. C.).
 Commander William L. Irvine (M. C.).
 Commander Reginald B. Henry (M. C.).
 Lieut. Commander Joseph H. Durrett
 (M. C.).
 Lieut. Commander Deane H. Vance
 (M. C.).
 Lieut. Commander John T. Stringer
 (M. C.).
 Lieut. Commander Norman Roberts
 (M. C.).
 Lieut. Commander Daniel P. Platt
 (M. C.).

Lieut. Harvey E. Robins (M. C.).
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 Commander Ernest W. Lacy (D. C.).
 Lieut. Commander Edmund Laughlin
 (D. C.).
 Lieut. Commander Charles H. Morris
 (D. C.).
 Lieut. Commander Henry C. Lowry
 (D. C.).
 Lieut. Joseph W. Baker, jr. (D. C.).
 Lieut. (J. G.) Jesse B. Bancroft (D. C.).
 Lieut. (J. G.) Edwin A. Thomas (D. C.).
 Chief Pharmacist William S. Burr.

¹ Temporary duty as coaches.

² Additional duty in department of hygiene.

YARD CHAPLAINS

Commander Frank H. Lash (Ch. C.).

Lieut. (J. G.) Edward B. Harp, jr. (Ch. C.).

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 Lieut. Frederick A. Hardesty.
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 Lieut. Laurence Bennett.
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 Lieut. Maurice M. Bradley.
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Lieut. (J. G.) John W. C. Brand.
 Lieut. (J. G.) Aurelius B. Vosseller.
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 Lieut. (J. G.) Audley L. Warburton.
 Lieut. (J. G.) Warren W. Harvey.
 Lieut. (J. G.) Hugh B. McLean.
 Lieut. (J. G.) Frederick J. Bell.
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 Lieut. (J. G.) John Williams Murphy, jr.
 Lieut. (J. G.) Robert L. Adams.
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 Lieut. (J. G.) Willis A. Lent.
 Lieut. (J. G.) Edward K. Walker.

³ Additional duty in department of English and history.

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Lieut. (J. G.) Richard A. Larkin.	Lieut. (J. G.) Joseph H. Nevins, jr.
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Lieut. (J. G.) Joe W. Stryker.	Lieut. (J. G.) Lynn C. Petross.
Lieut. (J. G.) Cecil B. Gill.	Lieut. (J. G.) John F. Delaney.
Lieut. (J. G.) Richard E. Elliott.	Lieut. (J. G.) Martin J. Drury.
Lieut. (J. G.) John R. Van Nagell.	Lieut. (J. G.) Gelzer L. Sims.
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Lieut. (J. G.) William Leslie Wright.	Lieut. (J. G.) Charles F. Horne, jr.
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 Lieut. Kenneth K. Cowart, U.S.C.G.
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Chief Boatswain Edwin J. Hill.
 Chief Machinist Charles O. Hathaway.
 Chief Carpenter James S. Jones.
 Chief Pay Clerk Thomas A. McDair-
 mant.

VN SQUADRON 8D5

Lieut. Commander Donald B. Duncan.
 Lieut. James D. Lowry, jr.
 Lieut. Dixwell Ketcham.

MARINE DETACHMENT

Maj. Charles I. Murray, U. S. M. C.
 First Lieut. John M. Greer, U. S. M. C.

SUPPLY OFFICE

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 Lieut. George Scratchley (S. C.).
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 Chief Pay Clerk Albert Fender.

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 Capt. John B. Kaufman (M. C.).
 Lieut. Commander George P. Shields
 (M. C.).
 Lieut. Commander Leon W. McGrath
 (M. C.).
 Lieut. Commander Rolland R. Gasser
 (M. C.).

Lieut. Commander Paul M. Albright
 (M. C.).
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 Chief Pharmacist Jesse R. Ayer.
 Pharmacist George A. Miller.

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 Lieut. Commander Vincent H. Godfrey.
 Lieut. Commander Thorvald A. Sol-
 berg.

Lieut. Commander Harold S. Klein.
 Lieut. Donald T. Giles.
 Lieut. Alexander M. Loker.
 Lieut. Ralph R. Gurley.

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Lieut. Commander Herbert J. Meneratti.
 Chief Radio Electrician Theodore Lachman.

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MIDSHIPMEN OFFICERS AND PETTY OFFICERS, 1932-33

REGIMENTAL COMMANDER AND STAFF		BUGLE CORPS STAFF							
Midshipman Commander Bourland, J. H. (6) Regimental commander. Midshipman Lieut. Commander Coleman, G. S. (2) Regimental subcommander. Midshipman Lieut. Curtze, C. A. (6) Regimental adjutant. Midshipman Lieut. Morron, T. H. (4) Regimental signal officer. Midshipman Lieut. (J. G.) Neupert, K. F. (2) Regimental commissary. Midshipman Lieut. (J. G.) Chambliss, A. McL. (8) Color bearer (regimental). Midshipman Ensign Campbell, C. M. (8) Color bearer (regimental). Midshipman Chief Petty Officer Macdonald, W. R. (4) Regimental chief petty officer.		Midshipman Lieut. (J. G.) Bronson, F. S. (2) Bugle corps commander. Midshipman Ensign Bullock, J. E. (5) Bugle corps subcommander. Midshipman Chief Petty Officer Tucker, J. F. (1) Bugle corps chief petty officer.							
First battalion		Second battalion		Third battalion		Fourth battalion			
Midshipman Lieutenant commander. Midshipman lieutenant.	Martineau, D. L. (1), battalion commander. Yost, H. C., (2) battalion subcommander.	Thompson, R. W., jr. (3), battalion commander. Hardman, W. F., (4) battalion subcommander.	Bethes, J. S. (6), battalion commander.	White, R. D. (7), battalion commander.	White, R. D. (7), battalion commander.	Blatchford, W. L., (8) battalion subcommander.	Tinker, M. H., (7) battalion adjutant and signal officer.	White, C. M., jr., (7) battalion commissary and quartermaster.	Gallagher, R. A., (8) battalion chief petty officer.
Midshipman lieutenant (J. G.). Midshipman ensign.	Jurika, S., jr., (1) battalion adjutant and signal officer. Buck, R. G., (1) battalion commissary and quartermaster.	Bertolet, S., (4) battalion adjutant and signal officer. Searcy, S. S., jr., (3) battalion commissary and quartermaster.	Murphy, G., (5) battalion subcommander.	Madden, R. B., (5) battalion adjutant and signal officer.	Bowen, H. G., jr., (5) battalion commissary and quartermaster.	Enright, J. F., (6) battalion chief petty officer.	White, C. M., jr., (7) battalion commissary and quartermaster.	Gallagher, R. A., (8) battalion chief petty officer.	White, R. D. (7), battalion commander.
Midshipman chief petty officer.	Jones, C. B., (2) battalion chief petty officer.	Lambert, D., (3) battalion chief petty officer.	MacDonald, H. A.	Sowerwine, O. E.	Chase, J. V.	Curtis, B. W.	Stream, B. N.	Walsh, J. E., jr.	Garnett, P. W.
Second company		Third company		Fourth company		Fifth company		Sixth company	
Mayberry, D.	Wagstaff, R. E.	Dietz, J. S.	Jahnce, E. L., jr.	Klopp, J. A.	Blackburn, J. T.	Hudson, G. K.	Purdy, F. W.	Shannon, J.	Gallaher, A. R.
Kiergan, N. B., jr.	Koenig, J. W.	Bobo, W. S., jr.	Arnold, F. R.	Camera, R. S.	McDougal, D. S.	Robertson, C. E.	Reedy, J. R.	Banzhaf, H. F.	Howard, E. G.
Kibbe, R. L.	Grubbs, D. C.	T. jr.	Schmidt, W. A.	Sheppard, F. W.	Turner, V. C.	Raymond, R. M.	Keller, C. A., jr.	Kibbe, R. L.	Grubbs, D. C.
Wade, S. S.	Wallace, P. E.	Williams, J. W., jr.	Christie, W. B.	Keller, C. A., jr.	Kibbe, R. L.	Grubbs, D. C.	Wade, S. S.	Wallace, P. E.	Williams, J. W., jr.
Midshipman chief petty officer.	Midshipman mustering petty officer.	Midshipman lieutenant.	Midshipman lieutenant (J. G.).	Midshipman lieutenant.	Midshipman lieutenant (J. G.).	Midshipman lieutenant.	Midshipman lieutenant.	Midshipman lieutenant.	Midshipman lieutenant.

Midshipmen officers and petty officers, 1932-33—Continued

	First company	Second company	Third company	Fourth company	Fifth company	Sixth company	Seventh company	Eighth company
Midshipman mustering petty officer.	Prueher, B. J.-----	Lee, E. P., jr.-----	Bowen, R. O.-----	Caldwell, C. M.-----	Jones, A. C.-----	Edwards, A. E.-----	Davenport, R. M.-----	Duncan, T. A.-----
Do	Slayton, M.-----	Schmid, H. E.-----	Meyer, B. H.-----	Holt, P. C.-----	Leon, H. L.-----	Hessel, J. W.-----	Glenn, E. F.-----	Fortune, J. H., jr.-----
Do	Stocker, L. J.-----	Temple, E. A.-----	Santmyers, S. K.-----	Roe, J. W.-----	McCampbell, D.-----	Shellabarger, M. A.-----	Rouillard, G. D.-----	Stevens, L. M.-----
Midshipman guidon petty officer.	Kane, W. R.-----	Stevens, J. P.-----	Steinbeck, J. M.-----	Bedell, P. F.-----	Galantin, I. J.-----	Tyree, J. A., jr.-----	Klinsmann, G. O.-----	Luosey, M. J.-----
Midshipman first petty officer.	Barclay, K. J.-----	Bowling, T. C., jr.-----	Bewick, J. V.-----	Bierer, H. T.-----	Barnum, R. H.-----	Christ, H. F.-----	Davis N. B., jr.-----	Barker, C. S., jr.-----
Do	Brown, F. E.-----	Black, T., jr.-----	Black, T., jr.-----	Brownrigg, F. H.-----	Ferguson, J. D.-----	Connolly, T. F.-----	Fritter, C. T.-----	Bowman, M. F.-----
Do	Garrels, R. E.-----	Denton, W. T.-----	Denton, W. T.-----	Burks, J. B.-----	Grady, J. B.-----	Davenport, E. M.-----	Hartman, I. S.-----	Dawson, W. L.-----
Do	Jackson, C. B., jr.-----	Ferguson, G. T.-----	Ferguson, G. T.-----	Miller, G. T.-----	Kastein, J. G.-----	Lane, R.-----	Kengia, W. A.-----	King, C. E.-----
Do	Macpherson, R. A.-----	McMaster, F.-----	Russell, B. L.-----	Poor, R. L.-----	Majewski, L. J.-----	Marks, L. H.-----	Loughlin, C. E.-----	MacIntosh, D. E.-----
Do	McKibbin, H. R.-----	O'Connell, T. P.-----	Strozier, H. H.-----	Rumble, H. P.-----	Masteron, P.-----	Moore, T. H.-----	Porter, W. B.-----	Fortier, W. D.-----
Do	Rucker, E. B.-----	Todd, A., jr.-----	Todd, A., jr.-----	White, J. W.-----	Ogden, J. R.-----	Neville, L. R.-----	Stahl, P. L.-----	Pratt, W. V., 2d.-----
Do	Thomas, M. W.-----	Smith, James A.-----	Tyler, M. A.-----	Wiggin, B. E.-----	Tiedeman, C.-----	Ryan, A. F., jr.-----	Staley, P. C., jr.-----	Stanley, R. E.-----
Midshipman second petty officer.	Anthony, R. Z. T.-----	Pallard, N. L.-----	Barnes, S. M.-----	Authier, E. E.-----	Abbot, E. W.-----	Albiston, L. H.-----	Anderson, H. W.-----	Anderson, R. R.-----
Do	Bailey, J. R.-----	Best, E. C.-----	Beyer, A. F., jr.-----	Bellinger, W. C.-----	Black, R. T.-----	Balتمان, G.-----	Barr, J. B.-----	Andrews, H. W.-----
Do	Beam, J. L.-----	Bird, H. V.-----	Buie, P. D.-----	Bulkeley, J. D.-----	Bruning, F. W.-----	Beard, N. W.-----	Blakeck, F. L.-----	Atherton, H. S.-----
Do	Brown, E.-----	Campbell, J. H.-----	Burton, P. W.-----	Burrow, J. B.-----	Campbell, E. G.-----	Block, C. A.-----	Brown, M. B.-----	Blount, F. J.-----
Do	Cundiff, C. R.-----	Cheatham, B. B.-----	Conwell, L. C.-----	Cameron, W. G.-----	Costello, J. P.-----	Brittan, T. H.-----	Christopher, T. A.-----	Clark, A. H.-----
Do	Dolan, F. A.-----	Clementson, M. K.-----	Crawford, M. E.-----	Chilton, E. H.-----	Dawes, R. A., jr.-----	Coleman, R. B.-----	Cobb, J. O.-----	Cumming, D. R.-----
Do	Elder, A. M.-----	Grenshaw, W. G., 3d.-----	Davis, R.-----	Coye, J. S., jr.-----	Erwin, W. E., jr.-----	Cronin, P. C.-----	Coffey, W. A.-----	Davis, D. W., jr.-----
Do	Fleischli, C. A.-----	Davis, L. M., jr.-----	Fair, R. E.-----	DeMaria, M.-----	Foster, E. J.-----	Fowler, O. N.-----	Dew, I. L.-----	Duke, P. D.-----
Do	Fox, H. H., jr.-----	Drake, F. R.-----	Foerster, R. S.-----	Drescher, C. G.-----	Fredericks, E. H.-----	Fusselman, R. D.-----	Dillon, J. R.-----	Fuller, D. W.-----
Do	Gorman, V. D.-----	Drustrup, N. J.-----	Footie, H. L., jr.-----	Ellis, P. D., jr.-----	Fulmer, H. S., jr.-----	Gamon, J. A., jr.-----	Dunagan, G. L.-----	Harby, D. B.-----
Do	Grikscheit, H. W.-----	Duff, H. C.-----	Hanson, M.-----	English, R. M.-----	Gibbons, R. M.-----	Harris, E. J.-----	Eck, L. H.-----	Haskins, E. D.-----
Do	Heleman, L. F.-----	Fernald, F. S.-----	Hartley, K. J.-----	Espenas, A. B.-----	Jackson, R. F.-----	Hunt, W. A., jr.-----	Funk, W. G.-----	Hastings, B. R.-----
Do	Levenez, R. F.-----	Felder, C. W.-----	Hills, H. C.-----	Fortune, W. C.-----	Jacoby, R. B.-----	Jones, F. R.-----	Garrison, C. F.-----	Hein, L. C.-----
Do	Linson, R. G.-----	Franklin, J. G.-----	Hird, R. C. H.-----	Gambling, N. W.-----	James, E. L., jr.-----	Jones, J. E.-----	Hatcher, J. S., jr.-----	Howell, W. S.-----
Do	List, F. V.-----	Gregor, G. D.-----	Howard, J. M.-----	Garrott, M. R.-----	Keating, R. A., jr.-----	Kelavert, R.-----	Heath, C. J.-----	Kimbali, L. P.-----
Do	McAfee, R.-----	Grimm, E. E.-----	Jones, T. A.-----	Gill, F. B.-----	Laughon, W. R.-----	Lee, L., jr.-----	Isely, R. H.-----	Kuehl, H. F.-----
Do	Peckson, A.-----	Hayden, E. B.-----	Kirby, C. C.-----	Grant, C. E.-----	Long, T. A.-----	Lehman, J. S.-----	Kaufman, D. L.-----	Longshore, F. K.-----
Do	Rakow, W. M.-----	Jordan, J. L.-----	Leach, R. W.-----	Iffrig, F. O.-----	McMullen, D. R.-----	Long, E. C.-----	LaCombe, J. L.-----	Magnall, A. T.-----
Do	Ramee, J.-----	Keyser, C. H.-----	Lord, E. E., 3d.-----	Ingels, A. C.-----	Newton, W. H., jr.-----	Magoffin, R. E.-----	Mackenzie, M. V.-----	Mathes, S. R.-----

Do	Ruble, H. E.	Kuhn, L. C. V.	Loveland, K.	Manning, J. I.	Palmer, J. T.	McCoughran, J. C.	Mandarich, S.	McEachern, P. T.
Do	Seagroves, E. E.	Lindsay, H. M., jr.	Monroe, H. S.	Marshall, G. K.	Pelling, A. G.	O'Brien, G. D.	Martin, J. L.	Metze, A. F.
Do	Shafer, W. E.	Morgan, J. C.	Mott, W. C.	Millitana, S. G.	Phillips, J. L., jr.	Pasche, W.	McCormack, J. J., jr.	Mohan, R. L.
Do	Shaul, D. R.	Ogle, J. N.	Norris, T. E.	Moore, C. L., jr.	Pray, R. M.	Pattie, S. H.	McCutchan, G. T.	Nelson, E. R., jr.
Do	Stephan, D. R.	Olsen, R. I.	Reday, J. Z., jr.	Overton, W. A.	Pyle, R. G.	Pickett, L. R., jr.	McMillan, E. B.	Peters, T. V.
Do	Tellefsen, C. R.	Stephens, M. G.	Rowe, H. C.	Sargent, R. N.	Schwarz, F. D.	Powell, I. L.	Menecke, K. E.	Richards, G. H., jr.
Do	Thorn, B. F.	Stewart, J. W.	Schneider, E. C.	Schade, A. F.	Steel, C. L.	Price, G. M.	Metzger, E. F.	Riddell, R. S.
Do	Titus, J. C.	Sublette, W. H.	Shea, T. V.	Shuffle, E., jr.	Vaughan, J. J.	Rockwell, J.	Morgan, C. C.	Robbins, C. B.
Do	Twigg, D. W.	Wendelburg, G.	Shook, K. S.	Slater, F. M.	Wentz, N. J.	Shelby, E. E.	Samuels, N. T.	Seipt, W. E.
Do	Von Woglom, L. E.	Wright, G. R.	Stuart, J. M.	Spahr, O. W.	White, L. A.	Sturr, H. D.	Sherman, P. K., jr.	Selby, F. G.
Do	Walsh, E. C.		Urmacht, G. P.	Styles, R. E.		Taylor, Rufus L., jr.	Smith, K. B.	Shidley, R. L.
Do			Ward, T. H.	Travis, C. W.		Watkins, R. E.	Snider, L. L.	Smedley, F. J.
Do			Weeks, J. B.	Vaillancourt, M. L.			Tomamichel, J. J.	Springer, C. N.
Do			Weintraub, P. L., jr.	Van Meter, W. J., jr.			Turnage, T. C., jr.	Stephenson, G. M.
Do			Zimmerman, R. P.	Winston, P. W.				St. Germain, R. J.
Do								Tinker, F. G.
Do								Walsh, J. W.
Do								Welkel, K. F.

Effective Sept. 23, 1932. Seniority of midshipmen of the same rank among battalions and companies will be established by separate orders. Number in () after names in staff details indicates company assignments.

PRACTICE CRUISE, 1932

1. The midshipmen's practice cruise was made in two parts in the U. S. S. *Wyoming*.

2. (a) Group One consisted of the midshipmen of the classes of 1933 and 1935, first and third battalions, plus the football squad and midshipmen of those classes required to take reexaminations or delayed examinations.

(b) Group Two consisted of the midshipmen of the above-named classes, second and fourth battalions, plus members of the crew who participated in the Poughkeepsie Regatta.

(c) Group One embarked for the summer cruise on the morning of June 3. The itinerary was as follows:

Arrival	Place	Departure
-----	Annapolis, Md.-----	June 3
June 17	Galveston, Tex.-----	June 24
July 8	Ponce, P. R.-----	July 13
July 25	Annapolis, Md.-----	-----

On July 26 this group disembarked and was granted leave (except those under restriction) until 10 a. m. September 23, 1932.

(d) Group Two (except those under restriction) was granted leave from 1.30 p. m., June 2, until 10 a. m., August 1, 1932, on which date they returned to the Naval Academy and embarked for the second cruise. The itinerary for this group was as follows:

Arrival	Place	Departure
-----	Annapolis, Md.-----	Aug. 1
Aug. 13	Ponta Delgada, Azores-----	Aug. 16
Aug. 29	Halifax, Nova Scotia-----	Sept. 7
Sept. 13	Hampton Roads, Va. ¹ -----	Sept. 13
Sept. 21	Annapolis, Md.-----	-----
Sept. 22	Disembarked-----	-----

¹ Entered Hampton Roads to deliver and obtain mail.

MERIT ROLLS FOR 1931-32

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients, the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year.

In the graduating merit roll the final standing for the course is determined by the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regulations, U. S. Naval Academy, 1928, art. 191.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "Passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum shall read "Passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "Passed." (Regulations, U. S. Naval Academy, 1928, art. 192.)

* Received 85 per cent of multiple.

b Resignation accepted upon graduation due to physical disqualification.

c Graduated, but not commissioned on account of unsatisfactory conduct.

d Voluntary resignation accepted immediately upon graduation.

dd Died.

e Did not complete course due to illness; found physically disqualified and required to resign.

f Resigned for physical reasons.

g Found physically disqualified and required to resign.

h Deficient in studies for second term; turned back into next lower class.

i Deficient in studies; required to resign.

MC Assigned to Marine Corps upon graduation.

p Did not complete course due to illness; dropped for refusing to tender resignation on account of being physically disqualified.

r Resigned.

rr Resigned on account of unsatisfactory conduct.

s Deficient in studies for first term; turned back into next lower class.

w Turned back into next lower class on account of illness.

x Deficient in studies for first term; turned back into this class.

† Readmitted with class of 1936.

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
*1	Mandelkorn, R. S.....	91. 53	182. 69	269. 65	368. 66	912. 53
*2	Fawkes, E. E.....	90. 63	178. 22	270. 62	368. 15	907. 62
*3	Ruckner, E. A.....	88. 14	178. 54	272. 03	360. 06	898. 77
*4	Schultz, F. B.....	92. 12	178. 35	270. 45	356. 46	897. 38
*5	Weschler, C. J.....	88. 24	176. 19	270. 41	357. 51	892. 35
*6	Mitchell, G. H.....	88. 13	178. 14	269. 54	356. 18	891. 99
*7	Frazer, C. L.....	84. 22	172. 05	269. 07	356. 92	882. 26
*8	Baker, H. E.....	87. 36	170. 90	269. 55	353. 87	881. 68
*9	Waters, O. D., jr.....	88. 39	173. 75	267. 17	351. 52	880. 83
*10	Sosnoski, H.....	85. 35	176. 01	262. 49	351. 45	875. 30
*11	Van Slyke, F. A.....	87. 02	171. 89	269. 05	342. 42	870. 38
*12	Miller, W. R.....	88. 67	173. 55	262. 03	345. 42	869. 67
*13	Ward, A. G.....	90. 39	178. 81	260. 11	339. 63	868. 94
*14	Hurst, E. W.....	84. 83	170. 84	263. 85	349. 28	868. 80
*15	Ernst, S. A.....	86. 89	169. 76	262. 55	347. 63	866. 83
*16	Munson, H. G.....	82. 73	165. 66	262. 64	355. 15	866. 18
*17	Horner, J. S.....	85. 77	168. 29	263. 46	346. 66	864. 18
*18	Mustin, L. M.....	83. 08	166. 42	261. 94	352. 62	864. 06
*19	Keyes, C. M.....	89. 07	176. 72	257. 26	337. 75	860. 80
*20	Pfingstag, P. W.....	82. 91	165. 51	261. 59	350. 25	860. 26
*21	Jaap, J. A.....	83. 72	165. 49	256. 74	353. 80	859. 75
*22	Bowers, T. K.....	86. 52	171. 13	258. 96	343. 02	859. 63
*23	Bryan, L. A.....	86. 04	171. 82	253. 49	348. 05	859. 40
*24	Lewis, P.....	87. 67	168. 51	257. 65	342. 70	856. 53
*25	Hull, H.....	83. 65	166. 47	255. 53	345. 25	850. 90
*26	Evans, R. L.....	85. 71	169. 66	255. 17	339. 87	850. 41
27	Wilson, R. L.....	87. 50	172. 94	256. 52	333. 00	849. 96
28	Palmer, C. J.....	81. 92	166. 94	259. 38	340. 38	848. 62
29	Hodge, E. D.....	80. 74	159. 56	256. 10	349. 47	845. 87
30	Weeks, R. H.....	85. 36	165. 94	255. 46	339. 04	845. 80
31	Caley, A. D.....	82. 43	168. 92	256. 35	337. 23	844. 93
32	Brown, W. W.....	84. 75	166. 24	250. 50	343. 19	844. 68
33	Bailey, G. W.....	86. 15	166. 61	255. 15	336. 10	844. 01
34	Reiter, H. L., jr.....	85. 55	162. 15	252. 25	343. 28	843. 23
35	Willard, C. S.....	80. 30	159. 72	256. 63	345. 49	842. 14
36	Brumby, F. H., jr.....	84. 90	168. 02	249. 88	338. 71	841. 51
37	Scott, D. D.....	75. 04	162. 75	261. 19	342. 16	841. 14
38	Gramlich, F. M.....	83. 67	166. 51	252. 25	336. 34	838. 77
39	Kinert, D. F.....	84. 07	161. 08	252. 58	339. 98	837. 71
40	Frakes, D. R.....	81. 03	163. 03	251. 62	341. 62	837. 30
d41	Soule, R. A., 3d.....	82. 71	162. 69	247. 53	343. 78	836. 71
42	Brown, S. W.....	86. 39	165. 11	251. 04	334. 08	836. 62
43	Morse, J. H., jr.....	83. 97	162. 01	254. 19	335. 80	835. 97
44	Kelly, W. D.....	81. 02	163. 79	252. 29	337. 62	834. 72
45	Ruhlman, F. L.....	80. 63	161. 31	252. 33	339. 76	834. 03
46	Townsend, W. E.....	79. 25	159. 08	257. 86	337. 69	833. 88

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
47	Osler, P. G.....	81. 86	159. 75	252. 87	337. 32	831. 80
48	Lambert, R. H.....	83. 47	162. 42	252. 80	332. 93	831. 62
d49	Hummer, H. C.....	79. 93	167. 81	256. 54	326. 86	831. 14
50	Abrahamson, E. P.....	79. 45	161. 86	250. 95	336. 89	829. 15
51	Shaw, S. L.....	78. 69	162. 52	251. 58	334. 41	827. 20
52	Sunderland, M.....	82. 85	163. 46	247. 02	333. 28	826. 61
53	Knoertzer, H. A.....	85. 07	160. 88	243. 09	335. 62	824. 66
54	Coleman, H. M.....	82. 79	167. 03	249. 87	324. 59	824. 28
55	Franklin, W. R.....	85. 27	168. 02	245. 13	324. 34	822. 76
56	Best, R. H.....	84. 45	162. 98	246. 82	327. 59	821. 84
57	Raring, G. L.....	81. 24	157. 75	246. 11	336. 63	821. 73
58	Brown, L. S.....	84. 65	160. 50	244. 89	330. 80	820. 84
59	Stoner, H. F.....	80. 82	163. 48	251. 13	325. 04	820. 47
60	Jacobs, J. F., jr.....	84. 89	164. 22	245. 98	324. 00	819. 09
61	Bailey, B. L.....	80. 42	157. 25	252. 12	329. 00	818. 79
62	Thomas, D. I.....	79. 01	158. 89	243. 63	337. 03	818. 57
MC63	Porter, R. R.....	82. 99	161. 73	245. 50	328. 12	818. 34
64	Leitwiler, J. M.....	82. 39	157. 37	244. 19	333. 47	817. 42
65	Underwood, G. W.....	82. 12	158. 89	245. 00	329. 57	815. 58
66	Dale, R. H.....	77. 06	155. 45	245. 96	336. 43	814. 90
67	Wellings, A. A.....	79. 44	157. 42	251. 68	326. 25	814. 79
b68	Pletta, F. A.....	79. 62	157. 74	247. 23	330. 13	814. 72
69	Spangler, J. G.....	82. 29	163. 08	247. 33	321. 69	814. 39
70	Reilly, J. V.....	81. 17	154. 39	246. 13	332. 67	814. 36
71	Dropp, A. H.....	80. 95	160. 33	247. 95	324. 63	813. 86
72	Coleman, W. D.....	83. 14	160. 86	243. 66	325. 46	813. 12
73	Fulton, R. B., 2d.....	81. 90	157. 14	240. 58	333. 12	812. 74
74	Small, S. C.....	83. 13	158. 02	241. 53	330. 03	812. 71
75	Kuhl, J. H.....	82. 19	159. 66	244. 29	326. 09	812. 23
76	Dimitrijevic, W. J.....	81. 31	162. 82	244. 69	322. 27	811. 09
77	Kintberger, L. S.....	81. 15	162. 45	242. 96	324. 43	810. 99
MC78	Murray, E. N.....	81. 98	162. 41	245. 27	321. 26	810. 92
79	Archer, S. M.....	83. 32	161. 73	242. 27	323. 12	810. 44
80	Pavlic, M. F.....	79. 85	152. 50	245. 59	331. 06	809. 00
81	Acker, F. C.....	81. 78	155. 62	242. 19	328. 54	808. 13
82	Leeds, J. R.....	82. 56	155. 72	243. 42	325. 90	807. 60
MC83	Denig, R. L., jr.....	76. 43	153. 10	243. 03	334. 65	807. 21
84	Simpson, R. T.....	84. 91	167. 82	243. 63	310. 78	807. 14
85	Ford, J. C., jr.....	77. 46	154. 50	247. 51	326. 89	806. 36
86	Prince, H. R.....	83. 83	160. 89	244. 93	315. 99	805. 64
87	Gibson, S. K.....	83. 06	159. 55	244. 87	317. 99	805. 47
b88	Dickinson, A. W.....	78. 51	157. 95	246. 73	321. 89	805. 08
89	Lark, J. A.....	79. 52	152. 41	242. 79	329. 71	804. 43
c90	Dreany, H. H.....	77. 22	152. 38	243. 31	331. 41	804. 32
91	Corry, J.....	86. 67	162. 85	242. 83	311. 21	803. 56
91½	Douglass, F. M.....	80. 95	157. 84	240. 48	324. 05	803. 32

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
92	Silverstein, M.....	77.54	157.37	240.58	327.21	802.70
93	Harrington, P. H.....	78.94	161.92	241.54	320.08	802.48
94	Wylie, J. C., jr.....	80.17	158.01	241.33	322.88	802.39
95	Richards, W. L.....	80.05	156.74	245.18	318.16	800.13
96	Munholland, J.....	79.81	155.20	243.43	321.68	800.12
97	Campbell, H. J.....	75.47	152.09	242.26	330.07	799.89
98	Kehl, G. W.....	82.83	159.16	243.76	314.01	799.76
99	Ogend'hal, C. J., jr.....	77.30	154.10	241.67	326.61	799.68
100	Grouleff, P. H.....	81.89	157.56	245.15	314.05	798.65
101	Kaufman, J. H.....	78.30	155.91	241.31	322.67	798.19
102	Nicholas, N. J.....	78.63	156.40	242.34	320.59	797.96
103	Kerr, R. H.....	80.07	160.89	244.71	312.29	797.96
104	Bull, W. I.....	81.58	157.77	241.15	317.44	797.94
105	Foley, F. D.....	81.78	157.45	240.79	317.30	797.32
106	Kirn, L. J.....	81.14	156.43	241.07	318.09	796.73
107	Gold, C. C.....	76.44	157.08	241.09	322.03	796.64
108	Wilson, W. R.....	78.63	155.74	235.20	326.89	796.46
109	Simmers, C. R.....	80.32	151.07	240.90	323.42	795.71
d110	Smith, L. O., jr.....	79.10	151.49	239.27	324.60	794.46
111	Pitts, R. M.....	81.24	155.48	241.95	314.76	793.43
112	Van Evera, J. R.....	81.14	158.67	238.84	314.45	793.10
113	White, T. H.....	79.78	157.76	240.01	315.45	793.00
114	Hughes, G. E.....	77.54	146.77	243.36	324.46	792.13
115	Leverett, T. R.....	74.18	149.21	239.18	329.16	791.73
116	Smith, Levering.....	74.68	155.08	239.95	321.72	791.43
117	Cook, H. S.....	76.83	154.33	240.70	319.09	790.95
118	Woodward, E. C.....	78.91	156.40	245.19	310.08	790.58
119	Sargent, H. L.....	79.77	154.12	239.14	317.26	790.29
120	Vandling, R. E.....	77.38	151.29	238.00	323.38	790.05
121	Fleck, T. M.....	82.39	159.41	235.25	312.29	789.34
122	Cope, A. L.....	81.64	154.00	241.83	311.82	789.29
123	Carroll, D. L., jr.....	77.74	156.82	235.96	318.56	789.08
124	Grider, J. M.....	75.90	151.19	237.51	324.01	788.61
125	Williams, Richard C., jr.....	78.87	157.08	236.56	315.63	788.14
d126	Knock, D. C., jr.....	79.40	157.07	238.15	313.43	788.05
127	Gregory, R. V.....	75.23	151.44	236.32	324.77	787.76
128	Zink, W. T., jr.....	81.65	160.67	233.64	311.63	787.59
129	Loughlin, J. J., jr.....	80.21	151.68	234.16	321.48	787.53
130	Murphy, C. L., jr.....	75.98	153.00	239.16	319.34	787.48
131	Slayden, A. W.....	79.11	151.05	243.18	313.73	787.07
132	Schroeder, W. P.....	80.41	151.14	238.75	316.68	786.98
MC133	Klinksiek, H. T.....	79.66	159.34	236.41	311.10	786.51
134	Bandy, J. I.....	73.72	152.18	235.34	324.92	786.16
135	Moore, H. G.....	81.17	158.09	237.86	308.35	785.47
136	Greenlee, A. W.....	79.58	157.51	228.51	319.63	785.23
137	Sugarman, C. M.....	78.41	154.24	234.97	317.49	785.11

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
138	Beardslee, G. R.....	77. 99	149. 26	235. 61	321. 48	784. 34
139	Perkins, W. B., jr.....	80. 17	154. 77	235. 20	313. 98	784. 12
140	Wilson, R. M.....	80. 30	158. 81	233. 71	310. 97	783. 79
b141	Miller, J. S.....	78. 90	152. 17	228. 89	323. 12	783. 08
142	Craighill, R. S.....	80. 43	156. 20	235. 55	310. 79	782. 97
143	Hendrick, H. L., jr.....	80. 41	152. 51	233. 53	316. 24	782. 69
144	Hayes, J. H.....	80. 83	156. 91	234. 48	310. 25	782. 47
145	Short, W. B., jr.....	76. 62	150. 53	234. 00	320. 99	782. 14
146	Weston, W. H.....	75. 98	151. 23	236. 18	318. 75	782. 14
147	Hydeman, E. T.....	79. 80	157. 11	235. 27	309. 87	782. 05
148	Hunter, G. C.....	77. 30	153. 89	239. 04	311. 68	781. 91
149	Myers, J. C.....	80. 30	158. 89	232. 81	309. 88	781. 88
MC150	Heinlein, O. A., jr.....	81. 23	153. 07	237. 59	309. 60	781. 49
151	Schmidt, M. G.....	73. 98	152. 05	238. 68	316. 49	781. 20
152	Williamson, T. F.....	77. 38	149. 56	239. 08	314. 46	780. 48
MC153	Asmuth, W., jr.....	79. 31	156. 65	233. 68	309. 88	779. 52
MC154	Turton, H. J.....	78. 35	151. 01	240. 28	309. 85	779. 49
155	Blaisdell, N. E.....	80. 54	154. 44	239. 51	304. 84	779. 33
156	DeLong, H. C.....	75. 82	145. 26	238. 59	318. 50	778. 17
157	Carpenter, T. E.....	79. 12	154. 05	239. 14	305. 44	777. 75
158	Thorn, W. A.....	78. 61	153. 70	238. 34	306. 11	776. 76
b159	Nelson, C. P.....	79. 27	155. 38	239. 01	302. 78	776. 44
160	Blair, R. H.....	78. 47	152. 76	235. 41	309. 64	776. 28
161	Finney, E. P., jr.....	76. 95	146. 49	238. 72	313. 50	775. 66
162	Maulsby, R. J. C.....	74. 94	154. 40	230. 27	315. 95	775. 56
163	Beer, R. O.....	78. 42	153. 29	234. 17	309. 55	775. 43
164	Eastwold, E. R.....	74. 71	154. 35	233. 19	312. 18	774. 43
165	Langen, T. D. F.....	80. 54	155. 60	232. 59	305. 58	774. 31
166	Craig, J. G., jr.....	79. 92	154. 77	228. 65	310. 86	774. 20
167	Kemper, J. L.....	80. 89	155. 43	231. 22	306. 17	773. 71
168	Spiers, J. R.....	78. 19	153. 62	236. 86	304. 66	773. 33
169	Outerson, W.....	74. 05	149. 78	233. 52	315. 62	772. 97
170	Van Every, S. A., jr.....	77. 37	148. 03	231. 03	316. 20	772. 63
171	Young, R. C.....	71. 23	146. 99	234. 84	318. 94	772. 00
172	Warfield, T. G.....	79. 12	151. 08	236. 70	304. 95	771. 85
173	Lank, T. S.....	79. 82	151. 38	230. 23	310. 29	771. 72
174	Parker, F. M.....	73. 88	146. 75	231. 24	319. 66	771. 53
175	Johnson, R. C.....	76. 00	151. 63	229. 37	313. 98	770. 98
176	Atkins, B. K.....	78. 24	153. 68	228. 01	310. 82	770. 75
177	Little, R. B.....	77. 08	149. 97	231. 62	312. 02	770. 69
d178	Lewis, W. H.....	79. 43	153. 54	231. 23	306. 47	770. 67
d179	Hodgkins, E. R.....	71. 27	146. 39	236. 20	316. 67	770. 53
180	Everett, J. L., jr.....	79. 40	149. 31	235. 64	306. 17	770. 52
181	Brannon, H. R.....	77. 12	148. 97	227. 69	316. 58	770. 36
182	Hobbs, G. O.....	75. 59	153. 96	238. 34	302. 37	770. 26
MC183	Fawcett, M. A.....	77. 19	150. 43	232. 84	309. 65	770. 11

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
184	Tagg, W. L.....	80. 03	151. 80	236. 09	302. 11	770. 03
MC185	Cobb, C. O.....	79. 33	150. 72	229. 93	309. 33	769. 31
186	Stuart, W. A.....	76. 38	143. 61	234. 30	314. 40	768. 69
187	Snowden, E. M.....	75. 20	146. 46	235. 13	311. 49	768. 28
188	Adams, A. B., jr.....	78. 67	150. 51	233. 43	305. 57	768. 18
b189	Warder, T. G.....	75. 20	147. 96	232. 59	312. 08	767. 83
190	Allen, H. I., jr.....	77. 58	151. 09	231. 57	306. 81	767. 05
191	Howe, F. N.....	77. 07	150. 09	234. 46	305. 36	766. 98
192	Quarles, S. F.....	73. 37	148. 23	232. 22	312. 37	766. 19
193	Marshall, J. G.....	77. 15	151. 53	234. 14	302. 36	765. 18
194	Utter, H. T.....	74. 92	145. 58	233. 82	310. 72	765. 04
195	Walker, R. P.....	77. 08	146. 88	238. 29	302. 76	765. 01
196	Shumway, D. W.....	76. 27	147. 66	229. 73	311. 12	764. 78
197	Groverman, W. H., jr.....	79. 01	150. 33	232. 11	303. 33	764. 78
198	Wagnon, L. E.....	77. 26	150. 36	229. 77	306. 89	764. 28
199	Williamson, M. W.....	74. 79	149. 14	233. 33	306. 78	764. 04
200	Matter, A. R.....	77. 78	149. 16	231. 05	305. 65	763. 64
201	Nuessle, F. E.....	82. 53	151. 02	235. 28	294. 65	763. 48
202	Close, B. E.....	78. 31	146. 73	229. 82	308. 50	763. 36
203	Andrew, J. D.....	72. 94	145. 39	237. 43	307. 50	763. 26
204	Lewis, John S.....	77. 94	151. 46	227. 23	306. 63	763. 26
205	Hamilton, M. J.....	72. 36	145. 61	230. 14	315. 03	763. 14
206	Vanous, W. W.....	77. 91	147. 73	227. 78	309. 12	762. 54
MC207	Colley, T. J.....	77. 11	148. 32	230. 53	305. 91	761. 87
208	Emrick, P. E.....	71. 99	144. 40	234. 57	309. 79	760. 75
209	Counihan, J. L., jr.....	79. 02	150. 66	227. 06	303. 38	760. 12
MC210	Starr, M. T.....	75. 26	151. 26	233. 33	299. 88	759. 73
MC211	Bowser, A. L., jr.....	76. 98	147. 04	230. 15	305. 25	759. 42
212	Feldscher, W.....	75. 80	149. 99	227. 46	305. 46	758. 71
213	Parker, A. E.....	73. 02	147. 47	231. 02	307. 06	758. 57
d214	Toft, J. C., jr.....	80. 13	150. 19	223. 84	304. 08	758. 24
215	Rogers, G. P.....	77. 68	151. 32	227. 73	301. 26	758. 09
216	Shinn, A. M.....	81. 46	155. 28	225. 32	295. 84	757. 90
d217	Tucker, A. J., 2d.....	75. 59	144. 87	233. 46	303. 81	757. 73
218	Johnson, J. H. S.....	73. 97	141. 39	226. 73	315. 51	757. 60
b219	Fang, O. E.....	82. 18	149. 63	229. 49	296. 25	757. 55
220	Bellinger, G. L.....	75. 34	145. 79	227. 69	308. 35	757. 17
221	Luker, G. R.....	76. 56	146. 02	227. 40	306. 93	756. 91
222	Vorpahl, A. H.....	79. 85	147. 80	228. 52	300. 65	756. 82
223	Mallory, C. K., jr.....	78. 83	150. 73	228. 33	298. 88	756. 77
224	Pressey, G. W.....	80. 35	150. 44	229. 75	295. 54	756. 08
225	Kenna, W. E.....	76. 23	148. 66	227. 45	303. 65	755. 99
226	Smythe, L. W.....	74. 51	149. 49	234. 00	297. 95	755. 95
227	Coombs, R. E., jr.....	74. 20	147. 18	226. 13	308. 28	755. 79
228	Wintle, J. W.....	76. 77	147. 99	229. 63	301. 18	755. 57
229	Freund, B. W.....	74. 16	145. 64	227. 26	308. 37	755. 43

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
230	Smith, Reynolds C.	76. 74	149. 91	230. 30	298. 09	755. 04
MC231	Thompson, J.	77. 22	146. 37	230. 68	300. 60	754. 87
d232	Murphy, J. E., jr.	74. 67	147. 77	227. 01	305. 40	754. 85
233	Konrad, E. G.	75. 07	152. 84	227. 51	299. 41	754. 83
234	Payne, E. K.	71. 86	142. 39	229. 48	310. 81	754. 54
235	Goodman, D. C.	73. 66	144. 43	227. 79	308. 40	754. 28
236	Asman, E. C.	76. 50	147. 26	224. 85	305. 60	754. 21
237	Latta, F. D.	78. 71	150. 32	228. 77	296. 17	753. 97
238	Roblin, R. D.	77. 21	150. 66	226. 82	299. 27	753. 96
239	Cox, W. R.	77. 74	150. 24	225. 25	300. 64	753. 87
240	Hutchings, C. S.	75. 90	145. 89	227. 70	304. 01	753. 50
241	Gorsline, R. H.	79. 12	148. 68	222. 84	302. 71	753. 35
242	Seely, H. W.	80. 52	146. 76	224. 10	301. 64	753. 02
243	Kasperek, C. E.	74. 72	148. 72	226. 27	302. 89	752. 60
d244	Brewer, C.	78. 89	149. 55	222. 76	301. 31	752. 51
b245	Burdick, D. G.	78. 17	149. 73	228. 05	296. 48	752. 43
d246	Humrichouse, J. W.	73. 44	146. 44	229. 35	302. 93	752. 16
247	Lunger, J. P.	76. 57	144. 97	228. 82	301. 77	752. 13
248	McCandless, B.	73. 11	148. 04	228. 39	301. 98	751. 52
249	Humes, R. M.	74. 30	147. 32	223. 88	305. 88	751. 38
250	Rhoads, N. B., jr.	77. 72	149. 36	233. 06	291. 22	751. 36
d251	Johnson, S. H.	72. 56	145. 94	225. 05	307. 79	751. 34
252	Garrison, M. E.	73. 41	143. 27	225. 54	309. 04	751. 26
253	Gates, A. E., jr.	75. 01	153. 42	223. 93	298. 64	751. 00
254	Hardie, T. G.	72. 65	147. 04	226. 32	304. 56	750. 57
255	Billingsley, E. B.	74. 20	142. 12	225. 39	308. 80	750. 51
256	Pierce, G. E.	80. 00	150. 80	225. 18	294. 34	750. 32
b257	Pinkston, E. R.	76. 91	147. 94	223. 57	301. 89	750. 31
258	Phillips, C. E.	75. 73	152. 18	223. 84	297. 86	749. 61
259	Witherow, J. F., jr.	78. 19	143. 18	224. 55	303. 21	749. 13
260	Bunce, P. G.	73. 67	147. 54	229. 41	297. 66	748. 28
261	Shelton, H. E., jr.	77. 20	150. 59	225. 50	294. 76	748. 05
b262	Hurley, T. B.	74. 74	152. 39	225. 44	295. 46	748. 03
263	Crowley, D. S.	75. 07	151. 04	227. 95	293. 75	747. 81
d264	Young, M. T.	77. 87	147. 00	224. 48	297. 97	747. 32
265	Lockwood, H. C.	71. 92	144. 68	229. 51	301. 02	747. 13
266	Nisewaner, T. A.	76. 35	147. 78	228. 53	294. 47	747. 13
267	Gothie, D. S.	71. 54	144. 97	231. 43	299. 10	747. 04
268	Musgrave, C. W.	72. 41	143. 38	225. 40	305. 47	746. 66
269	Bigaouette, F. J.	78. 42	149. 12	220. 93	297. 79	746. 26
270	Brindupke, C. F.	73. 00	144. 16	231. 37	297. 53	746. 06
271	Hutchinson, G. L.	73. 95	145. 51	228. 11	298. 40	745. 97
272	Connaway, F.	75. 31	145. 58	227. 44	296. 72	745. 05
273	Harwood, R. D.	79. 71	142. 48	221. 99	300. 29	744. 47
d274	Howle, W. G.	77. 43	155. 70	212. 95	298. 16	744. 24
275	Baker, R. L.	74. 03	142. 83	229. 03	298. 26	744. 15

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
MC276	Corson, G.....	75. 48	145. 50	222. 39	300. 69	744. 06
277	Wolsieffer, F.....	75. 65	146. 29	223. 01	299. 05	744. 00
278	Williams, P. D.....	77. 94	148. 57	222. 79	294. 52	743. 82
279	Mather, M. C.....	75. 47	140. 53	222. 68	304. 65	743. 33
280	Montgomery, T. J.....	73. 92	146. 64	224. 26	298. 45	743. 27
281	Koivisto, M. M.....	77. 78	146. 22	224. 51	294. 67	743. 18
282	Ottinger, G. M.....	70. 32	143. 14	220. 91	308. 65	743. 02
283	Chittenden, J. L.....	79. 47	148. 57	221. 67	293. 29	743. 00
284	Widhelm, W. J.....	74. 43	142. 66	226. 07	299. 51	742. 67
285	Winter, W, jr.....	76. 35	142. 97	224. 93	298. 14	742. 39
MC286	Enright, W. K.....	73. 15	141. 58	225. 46	302. 02	742. 21
287	Ramey, J. W.....	72. 48	147. 35	226. 00	295. 92	741. 75
MC288	Tschirgi, H. C.....	72. 59	142. 56	221. 32	305. 21	741. 68
289	De Witt, J. C., jr.....	78. 45	145. 91	220. 48	296. 52	741. 36
290	McIver, D. C.....	75. 26	150. 26	223. 70	291. 84	741. 06
291	Innis, W. D.....	83. 62	149. 48	216. 81	290. 74	740. 65
292	Vaughan, J.....	72. 84	143. 26	224. 43	300. 04	740. 57
293	Williamson, L.....	78. 22	151. 47	221. 27	289. 34	740. 30
294	McCornock, S. A.....	74. 00	144. 30	217. 80	303. 94	740. 04
MC295	Bisson, R. O.....	73. 40	139. 32	225. 68	301. 49	739. 89
296	Schwartz, I. J.....	68. 30	142. 38	231. 97	296. 93	739. 58
MC297	Bigler, J. C.....	74. 98	148. 59	227. 67	288. 17	739. 41
298	Moore, J. A.....	76. 07	149. 15	221. 44	292. 55	739. 21
299	Dennett, M. E.....	77. 60	148. 80	224. 18	288. 54	739. 12
300	Leonard, R. C.....	73. 44	140. 78	223. 90	300. 39	738. 51
301	Davis, J. B.....	77. 08	148. 05	219. 28	293. 97	738. 38
302	Stannard, W. T.....	77. 63	146. 98	222. 91	290. 43	737. 95
MC303	Thompson, F. C.....	73. 49	146. 30	220. 25	297. 81	737. 85
304	Underwood, R. D.....	72. 35	143. 14	222. 04	300. 27	737. 80
b305	Holloway, C. E.....	75. 58	145. 09	219. 70	297. 21	737. 58
306	O'Connor, M. B.....	72. 77	144. 87	224. 67	294. 86	737. 17
307	Rice, G. F.....	75. 70	146. 74	221. 78	292. 88	737. 10
308	Smith, J. B.....	76. 20	144. 12	223. 10	293. 23	736. 65
309	Smiley, C. B.....	70. 68	145. 71	226. 39	293. 84	736. 62
310	Phares, E. L.....	74. 44	145. 31	220. 72	295. 39	735. 86
311	Munger, M. T.....	75. 79	145. 95	222. 92	290. 69	735. 35
312	Sampson, N. J.....	74. 95	144. 49	219. 53	296. 37	735. 34
313	Chambers, T. E.....	75. 63	142. 46	223. 85	292. 93	734. 87
314	Wilson, G. R.....	78. 69	144. 29	214. 83	296. 72	734. 53
315	McCormick, J. J.....	72. 60	140. 68	223. 12	297. 83	734. 23
MC316	Carroll, G. N.....	75. 88	144. 11	218. 02	295. 83	733. 84
d317	Bush, H. P., jr.....	74. 93	144. 76	222. 93	291. 21	733. 83
318	Fahy, J. S.....	73. 97	143. 63	220. 53	295. 46	733. 59
319	Harral, B. J.....	74. 15	152. 62	219. 96	286. 64	733. 37
320	Roach, J. P.....	74. 53	146. 60	221. 73	290. 35	733. 21
b321	Gamble, R. L.....	75. 18	149. 67	226. 48	281. 43	732. 76

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima-----	100	200	300	400	1,000
322	Moore, R. B.-----	72. 22	143. 34	225. 32	291. 81	732. 69
323	Halsey, L. B.-----	75. 55	146. 42	225. 45	285. 03	732. 45
324	Clement, J. M.-----	78. 48	144. 54	220. 22	288. 98	732. 22
325	Kaplan, A. D.-----	75. 96	146. 47	221. 51	288. 20	732. 14
326	Thomas, J. A.-----	73. 45	147. 15	219. 91	291. 52	732. 03
327	Fairbanks, J. F., jr.-----	77. 09	144. 87	219. 37	290. 40	731. 73
328	Strickler, R. L.-----	79. 57	143. 51	215. 58	292. 54	731. 20
329	James, G. S., jr.-----	76. 22	140. 87	217. 56	296. 22	730. 87
330	McDonald, D. H.-----	72. 66	143. 11	222. 64	292. 43	730. 84
b331	Rounds, H. P.-----	74. 11	145. 58	219. 19	291. 16	730. 04
332	Stieler, R. E.-----	73. 60	144. 19	226. 69	285. 29	729. 77
333	Jewett, G. W., jr.-----	71. 71	143. 12	219. 73	294. 98	729. 54
334	Cann, P. W.-----	73. 18	139. 09	224. 25	292. 48	729. 00
d335	Lavery, R. J.-----	74. 36	138. 63	218. 61	296. 86	728. 46
336	Moncure, S. P.-----	78. 85	144. 73	216. 95	287. 39	727. 92
337	Hooper, J. H.-----	74. 12	144. 15	218. 64	290. 56	727. 47
338	Faires, C. F., jr.-----	75. 77	136. 00	215. 37	300. 32	727. 46
339	Smith, D. F., jr.-----	75. 84	141. 38	218. 53	291. 53	727. 28
340	Robards, W. C. F.-----	73. 74	142. 93	218. 38	291. 58	726. 63
MC341	Humiston, J. G.-----	73. 49	143. 15	212. 57	297. 27	726. 48
342	Taylor, E. W.-----	71. 95	142. 16	220. 23	290. 96	725. 30
d343	Lapidus, E. A.-----	75. 64	150. 70	214. 34	284. 55	725. 23
344	McLeod, D. K.-----	69. 40	141. 16	218. 92	295. 35	724. 83
345	Jonson, W. C., jr.-----	72. 31	138. 52	217. 83	295. 57	724. 23
346	Lamade, J. D.-----	75. 57	141. 62	218. 72	288. 21	724. 12
347	Flenniken, J. A.-----	76. 91	143. 75	218. 00	285. 45	724. 11
348	Dibrell, A. G., jr.-----	69. 59	139. 79	221. 46	293. 04	723. 88
349	Dial, N. M.-----	75. 87	145. 35	217. 81	283. 72	722. 75
350	Smith, Lawrence-----	73. 27	140. 42	217. 09	291. 94	722. 72
351	McCrea, V. B.-----	72. 55	141. 12	218. 97	289. 54	722. 18
352	Lucier, R. O.-----	76. 14	142. 21	216. 43	287. 27	722. 05
353	Major, A. S., jr.-----	70. 48	138. 74	222. 76	290. 03	722. 01
354	Wildner, A.-----	74. 09	142. 50	217. 48	287. 71	721. 78
355	Roudebush, J.-----	72. 15	142. 43	216. 61	290. 14	721. 33
d356	Dobbs, W. A.-----	75. 28	143. 26	215. 14	287. 56	721. 24
357	McCarley, H. H.-----	73. 03	137. 24	217. 74	292. 40	720. 41
358	Ovrom, A. A.-----	71. 19	145. 14	214. 45	289. 40	720. 18
359	Letts, K. P.-----	74. 62	138. 27	215. 62	291. 45	719. 96
360	Goodgame, R. E., jr.-----	72. 51	139. 70	213. 79	293. 19	719. 19
361	Raymond, W. H., jr.-----	71. 38	141. 22	214. 72	291. 58	718. 90
362	Hopkins, T. W.-----	71. 96	140. 92	218. 76	286. 87	718. 51
363	Domenech, J. P.-----	78. 77	148. 27	211. 22	279. 17	717. 43
364	Wigelius, F. E.-----	71. 65	136. 20	210. 61	298. 96	717. 42
d365	Holmes, W. M.-----	71. 02	137. 48	220. 90	287. 92	717. 32
366	McGoldrick, J. A.-----	71. 72	140. 16	217. 54	287. 60	717. 0
367	Goodhue, A. A.-----	73. 52	137. 38	212. 56	292. 30	715. 7

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
d368	West, J. T.....	70. 79	139. 58	218. 12	286. 95	715. 44
369	Catlett, W. J., jr.....	73. 42	145. 92	217. 73	278. 26	715. 33
370	Jukes, H. L.....	71. 28	139. 66	216. 19	288. 07	715. 20
371	Collett, J. D.....	72. 14	136. 12	222. 53	284. 21	715. 00
372	Quirk, P. D.....	70. 10	143. 24	216. 80	283. 64	713. 78
373	Born, H. E.....	73. 20	140. 11	212. 35	286. 82	712. 48
374	Chase, I., jr.....	75. 20	141. 68	213. 69	281. 79	712. 36
375	Johnson, Clifford A.....	70. 64	143. 78	213. 32	284. 34	712. 08
MC376	Keen, C. R.....	73. 83	139. 35	213. 29	285. 16	711. 63
d377	Elliott, L. T.....	73. 41	141. 41	210. 99	285. 65	711. 46
378	Lowndes, T. P.....	72. 35	137. 46	216. 78	284. 40	710. 99
379	Scherini, O. A.....	74. 70	142. 46	212. 79	280. 04	709. 99
380	Everett, C. H., jr.....	74. 14	139. 26	214. 13	282. 11	709. 64
381	Owens, H. A.....	70. 94	141. 89	213. 94	282. 49	709. 26
382	Lanman, C. B.....	73. 24	138. 12	217. 53	280. 07	708. 96
383	Townsend, H. E.....	75. 17	138. 39	214. 13	281. 14	708. 83
384	McAlpine, L. H.....	70. 63	138. 80	214. 83	284. 55	708. 81
385	Sutton, J. J.....	70. 05	138. 90	218. 05	281. 66	708. 66
386	Arthur, L. A.....	78. 03	141. 97	210. 39	278. 04	708. 43
387	Binns, J. A.....	73. 49	139. 87	211. 82	283. 22	708. 40
388	Mang, L. W.....	70. 68	136. 09	210. 69	290. 17	707. 63
389	Chase, E. G.....	69. 63	135. 75	212. 25	290. 00	707. 63
390	Greene, R. O.....	73. 65	137. 67	212. 08	284. 10	707. 50
391	Porter, G. E., jr.....	73. 72	143. 70	210. 29	278. 87	706. 58
392	Head, H. H.....	73. 09	141. 59	208. 44	283. 45	706. 57
393	Tennent, J. G., 3d.....	73. 02	138. 07	213. 47	281. 81	706. 37
394	Lyons, W. B. B.....	74. 92	140. 78	211. 33	278. 89	705. 92
MC395	Smith, J. G.....	74. 63	138. 72	211. 73	280. 83	705. 91
MC396	Shovestul, P. J.....	72. 68	139. 45	213. 61	279. 34	705. 08
397	Keene, C., jr.....	75. 49	139. 43	212. 37	277. 43	704. 72
c398	Bailey, B. F.....	75. 06	142. 14	207. 11	280. 01	704. 32
399	Speer, J. O.....	74. 21	141. 38	211. 49	276. 55	703. 63
400	Coxe, A. B., jr.....	72. 22	140. 89	211. 59	278. 90	703. 60
401	Vaughan, F. O.....	74. 71	142. 56	205. 70	280. 12	703. 09
402	Tuttle, M. H.....	74. 92	139. 06	206. 27	282. 41	702. 66
403	Kretz, C. H., jr.....	69. 58	137. 82	215. 33	279. 90	702. 63
404	Vrooman, W. T.....	72. 00	140. 85	212. 27	275. 10	700. 22
405	Lyons, C. M. jr.....	71. 22	139. 70	210. 15	277. 75	698. 82
b406	King, O. B.....	76. 85	141. 33	202. 80	277. 24	698. 22
407	Short, W. C. jr.....	71. 68	136. 43	211. 18	278. 27	697. 56
c408	Burrowes, E. E.....	71. 53	142. 59	211. 67	270. 17	695. 96
409	Mayer, R. H.....	71. 22	137. 94	212. 31	272. 83	694. 30
d410	Harwell, J. L.....	74. 47	143. 47	203. 49	272. 48	693. 91
411	Smith, C. H.....	70. 68	136. 47	206. 34	279. 42	692. 91
412	Shea, J. D.....	68. 51	139. 11	207. 69	276. 82	692. 13
413	Scott, R. C.....	71. 01	135. 31	209. 29	273. 73	689. 34

Merit roll for the four years' course of the midshipmen of the graduating class (class of 1932), 423 members, of whom 421 graduated—Continued

Order of merit	Names	First year	Second year	Third year	Fourth year	Aggregate for four years
	Maxima.....	100	200	300	400	1,000
414	Perkins, C. E.....	72. 92	137. 31	203. 62	273. 45	687. 30
c415	Labouisse, S. S.....	74. 35	133. 18	206. 86	269. 54	683. 93
416	Parrish, L. W.....	74. 77	135. 33	204. 79	266. 43	681. 32
MC417	de Zayas, H.....	69. 87	130. 64	209. 62	270. 99	681. 12
418	Adams, R. D.....	68. 64	131. 95	207. 43	272. 07	680. 09
c419	Morgan, R. A.....	70. 36	134. 96	203. 87	265. 99	675. 18
c420	Maher, E. H.....	69. 68	131. 14	196. 71	261. 05	658. 58
e	Caperton, H. O.....	73. 79	144. 76	(a)	(a)	Inc.
p	Snyder, P. L.....	75. 41	142. 39	210. 01	(a)	Inc.

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
44	Abrahamson, Ernest Percival.....	Maine.....	June 14, 1923	19	4	5	15
70	Acker, Frank Clements.....	New Jersey.....	Aug. 2, 1923	18	1	5	15
210	Adams, Allen Bond, jr.....	West Virginia.....	July 6, 1923	18	4	5	15
413	Adams, Richard Donald.....	Pennsylvania.....	July 5, 1923	19	1	5	15
198	Allen, Henry Irwin, jr.....	Indiana.....	July 16, 1923	17	9	5	15
194	Andrew, John Douglas.....	California.....	June 15, 1923	17	8	5	15
195	Archer, Stephen Morris.....	Ohio.....	June 19, 1923	16	11	5	15
402	Arthur, Lionel Alexander.....	New York.....	Sept. 27, 1923	18	10	8	6
208	Asman, Edwin Charles.....	Ohio.....	June 19, 1923	18	11	5	15
MC173	Asmuth, Walter, jr.....	Wisconsin.....	July 16, 1923	17	6	5	15
165	Atkins, Barry Kennedy.....	At large (Pres.).....	June 14, 1923	16	10	5	15
c392	Bailey, Benjamin Franklin.....	Connecticut.....	June 15, 1923	18	10	5	15
69	Bailey, Burl Leonidas.....	Michigan.....	July 10, 1923	18	0	5	15
48	Bailey, George Winston.....	Utah.....	July 16, 1923	19	9	5	15
*9	Baker, Harold Edward.....	Washington.....	do.....	19	5	5	15
269	Baker, Robert Louis.....	Kentucky.....	Sept. 1, 1923	19	5	5	15
83	Bandy, Jack Irving.....	Arizona.....	June 15, 1923	17	3	5	15
105	Beardslee, George Roscoe.....	Michigan.....	June 14, 1923	19	3	5	15
181	Beer, Robert Oakley.....	Nebraska.....	do.....	18	2	5	15
190	Bellinger, George Lieinberger.....	New York.....	June 23, 1923	18	1	5	15
72	Best, Richard Halsey.....	New Jersey.....	June 14, 1923	18	3	5	15
278	Bigaouette, Frank Joseph.....	Minnesota.....	July 6, 1923	19	11	4	14
MC353	Bigler, James Campbell.....	Ohio.....	July 9, 1923	18	4	5	15
185	Billingsley, Ed Baxter.....	Arkansas.....	July 16, 1923	18	1	5	15
*379	Binns, Jack Alvey.....	California.....	July 2, 1923	19	6	3	29
MC244	Bisson, Robert Omer.....	Illinois.....	July 6, 1923	19	10	5	15
179	Blair, Richard Hutchings.....	Virginia.....	June 29, 1923	18	0	5	15
219	Blaisdell, Norman Earl.....	Massachusetts.....	June 22, 1923	19	6	5	15
363	Born, Howard Eugene.....	Wisconsin.....	July 6, 1923	18	3	5	7
*26	Bowers, Thomas Kent.....	Maryland.....	June 29, 1923	17	5	5	15
MC216	Bowser, Alpha Lyons, jr.....	Pennsylvania.....	July 16, 1923	17	11	5	15
128	Brannon, Horace Rupert.....	Alabama.....	June 14, 1923	19	9	5	3
d245	Brewer, Cyrus.....	Massachusetts.....	July 17, 1923	18	3	5	15
280	Brindupke, Charles Frederic.....	California.....	June 22, 1923	19	9	5	15
62	Brown, Lawrence Shepard.....	New York.....	July 9, 1923	16	8	5	7
53	Brown, Sheldon Willis.....	Pennsylvania.....	July 7, 1923	17	11	5	15
*25	Brown, William Wheeler.....	Tennessee.....	June 19, 1923	17	11	5	15
37	Brunby, Frank Hardeman, jr.....	Georgia.....	June 21, 1923	17	6	5	15
*17	Bryan, Louis Allen.....	Kentucky.....	June 14, 1923	19	8	4	22
123	Bull, William Izard.....	North Carolina.....	July 6, 1923	17	0	5	15
279	Bunce, Peris Graves.....	New York.....	July 10, 1923	17	3	5	15
b288	Burdick, Dunbar Graves.....	Oregon.....	July 16, 1923	18	8	4	2
c415	Burrowes, Edward Elgin.....	Kansas.....	June 29, 1923	18	7	5	15
d334	Bush, Horace Peters, jr.....	Pennsylvania.....	July 16, 1923	19	6	5	15
42	Caley, Arthur Douglas.....	New York.....	June 23, 1923	20	0	5	15
64	Campbell, Herbert John.....	Oregon.....	Aug. 1, 1923	18	10	5	15
321	Cann, Philip Winslow.....	Maine.....	July 9, 1923	20	1	5	15
e	Caperton, Harry Overton.....	Mississippi.....	July 6, 1923	18	0	2	24
213	Carpenter, Truman Ernest.....	Vermont.....	July 16, 1923	19	1	4	14
117	Carroll, Daniel Lynn, jr.....	Minnesota.....	July 9, 1923	18	4	5	15
MC295	Carroll, George Nicholas.....	Massachusetts.....	June 21, 1923	20	0	5	15
401	Catlett, William Jackson, jr.....	Mississippi.....	June 28, 1923	19	2	5	15
317	Chambers, Thomas Edward.....	Tennessee.....	July 17, 1923	19	7	2	13
345	Chase, Edgar Griffith.....	Kansas.....	June 29, 1923	17	10	5	15

1932), 423 members, for the last year of their academic course

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engine- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
56.16	52.72	32.00	53.76	52.72	15.50	13.00	61.03	336.89
54.32	51.20	32.00	50.00	56.16	15.45	13.48	55.93	328.54
52.96	46.40	28.75	47.76	45.36	16.15	12.60	55.59	305.57
42.24	43.04	26.35	42.48	41.68	12.65	10.08	53.55	272.07
52.32	48.40	29.30	47.20	45.28	15.60	13.80	54.91	306.81
53.60	46.96	29.35	51.92	47.44	15.65	11.92	50.66	307.50
54.48	51.84	32.05	50.64	47.76	15.80	11.56	58.99	323.12
46.80	46.56	28.05	44.16	42.72	14.30	10.40	45.05	278.04
48.32	49.92	31.40	48.08	45.36	15.20	12.24	55.08	305.60
50.48	48.64	32.55	52.96	48.88	14.10	12.12	50.15	309.88
53.04	48.56	29.95	47.60	44.88	14.90	11.20	60.69	310.82
44.72	44.48	27.20	45.84	44.00	14.70	10.96	48.11	280.01
55.60	52.80	32.55	52.96	50.80	15.05	12.12	57.12	329.00
54.64	53.52	31.85	53.20	50.00	16.40	14.44	62.05	336.10
57.92	58.00	36.00	57.28	56.88	15.35	12.60	59.84	353.87
49.04	45.44	29.95	46.48	47.28	13.50	10.64	55.93	298.26
54.40	50.88	32.65	50.32	53.04	15.30	11.04	57.29	324.92
53.76	52.40	31.65	47.12	48.32	15.05	11.64	61.54	321.48
52.08	49.52	31.70	49.12	47.04	15.60	10.36	54.23	309.55
51.52	48.24	30.40	47.76	45.28	15.50	13.04	56.61	308.35
52.88	51.68	34.35	51.84	49.28	15.70	13.72	58.14	327.59
49.44	50.88	30.00	46.80	43.12	15.80	10.92	50.83	297.79
47.60	46.00	30.15	46.72	45.52	14.05	10.36	47.77	288.17
55.44	48.08	28.20	46.16	46.16	16.55	11.60	56.61	308.80
45.20	49.04	29.50	44.40	40.88	13.95	11.12	49.13	283.22
50.56	46.40	28.55	48.08	46.64	14.65	10.68	55.93	301.49
55.36	49.68	31.30	47.12	45.28	15.70	10.80	54.40	309.64
50.32	46.72	29.15	48.00	44.72	16.55	12.60	56.78	304.84
43.52	45.60	28.75	45.92	42.32	13.90	10.88	55.93	286.82
55.12	53.60	34.40	53.76	54.24	15.85	13.32	62.73	343.02
48.80	48.08	29.25	47.20	45.68	15.20	11.88	59.16	305.25
53.84	48.96	29.80	50.56	45.52	14.40	12.64	60.86	316.58
47.92	47.84	31.20	49.52	47.52	14.50	13.00	49.81	301.31
50.16	46.40	29.65	45.12	43.84	13.70	10.52	58.14	297.53
53.52	52.08	33.10	53.52	48.80	15.80	13.12	60.86	330.80
55.36	50.00	33.65	55.92	52.32	15.95	11.72	59.16	334.08
54.40	54.32	34.95	55.44	54.00	15.70	13.52	60.86	343.19
56.24	53.68	34.75	52.08	45.92	18.20	13.92	63.92	338.71
55.36	55.12	35.65	56.16	51.68	16.55	13.44	64.09	348.05
53.04	50.08	33.35	46.80	47.28	16.55	12.20	58.14	317.44
48.08	48.64	30.65	46.72	46.00	13.35	10.84	53.38	297.66
46.48	45.84	30.50	45.52	43.60	13.90	10.80	59.84	296.48
45.68	42.48	26.25	44.56	42.16	13.10	10.04	45.90	270.17
46.40	45.92	28.00	44.00	43.60	14.55	10.60	58.14	291.21
53.52	55.28	33.15	52.96	52.56	14.50	13.04	62.22	337.23
53.36	52.88	35.40	54.72	51.84	14.50	11.44	55.93	330.07
48.32	46.16	26.45	44.40	43.28	13.50	11.72	58.65	292.48
(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
50.24	46.08	30.50	46.40	44.80	15.00	11.56	60.86	305.44
50.72	50.32	32.70	52.80	49.20	15.90	11.16	55.76	318.56
50.64	45.04	28.30	42.80	42.48	15.60	12.76	58.31	295.83
47.12	43.60	27.95	44.80	42.48	14.55	10.16	47.60	278.26
47.28	43.12	30.50	44.96	40.96	12.85	11.72	61.54	292.93
46.80	45.20	28.70	45.12	45.28	14.90	10.96	53.04	290.00

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
384	Chase, Irvin, jr.....	New Jersey.....	July 16, 1928	16	8	5	15
313	Chittenden, John Lester.....	New York.....	June 15, 1928	17	5	5	15
349	Clement, James Markland.....	New Hampshire.....	Aug. 31, 1928	19	5	5	15
187	Close, Burdette Eugene.....	New York.....	July 16, 1928	18	3	5	15
MC182	Cobb, Clarence Ocumpaugh.....	New York.....	June 15, 1928	18	9	5	15
87	Coleman, Herbert McClellan.....	West Virginia.....	June 21, 1928	16	8	5	15
81	Coleman, Walter Dan.....	Illinois.....	June 18, 1928	18	3	5	0
374	Collett, James Dahlman.....	Nebraska.....	June 16, 1927	18	1	5	11
MC205	Colley, Thomas Jack.....	New York.....	June 19, 1928	19	5	5	15
285	Connaway, Fred.....	Arkansas.....	July 9, 1928	17	6	5	15
114	Cook, Harry Standish.....	Colorado.....	June 14, 1928	19	5	5	15
192	Coombs, Robert Ernest, jr.....	Vermont.....	June 15, 1928	19	7	5	15
156	Cope, Alfred Lovell.....	Georgia.....do	.....do	18	6	5	15
160	Corry, John.....	Rhode Island.....	Aug. 2, 1928	18	2	5	15
MC249	Corson, George.....	New York.....	June 28, 1928	18	7	5	15
228	Counihan, John Lawrence, jr.....	Connecticut.....	June 21, 1928	18	5	5	15
251	Cox, William Ruffin.....	North Carolina.....	June 19, 1928	17	2	5	0
397	Coxe, Alexander Bacon, jr.....	Missouri.....	July 30, 1928	18	5	5	15
164	Craig, James Gray, jr.....	Tennessee.....	July 9, 1928	19	5	5	15
167	Craighill, Richard Starr.....	Virginia.....	Aug. 10, 1928	18	11	5	15
312	Crowley, Dennis Stafford.....	Virginia.....	June 21, 1928	20	1	5	15
46	Dale, Roland Harper.....	Connecticut.....do	.....do	18	4	5	15
310	Davis, Joseph Burton.....	Ohio.....do	.....do	18	9	4	22
118	DeLong, Henry Clay.....	Maine.....	Aug. 25, 1928	17	10	4	14
MC51	Denig, Robert Livingston, jr.....	Ohio.....	June 18, 1928	18	7	5	15
350	Dennett, Mark Edwin.....	Arizona.....	June 15, 1928	19	9	5	15
287	DeWitt, John Carroll, jr.....	Georgia.....	July 9, 1928	18	5	5	15
MC414	de Zayas, Hector.....	California.....	Aug. 16, 1928	17	11	5	15
376	Dial, Nathaniel Minter.....	South Carolina.....	July 18, 1928	17	4	5	15
316	Dibrell, Aquilla Gibbs, jr.....	At large (Pres.).....	June 18, 1928	18	3	5	0
6101	Dickinson, Albert William.....	.....do.....	June 14, 1928	16	7	5	15
99	Dimitrijevic, William Joseph.....	Ohio.....	June 27, 1928	19	0	5	15
d358	Dobbs, William Adams.....	Mississippi.....	July 2, 1928	19	4	5	15
396	Domenech, Juan Paul.....	Porto Rico.....	July 9, 1928	19	5	5	15
90½	Douglass, Francis Malcolm.....	Arizona.....	July 6, 1928	20	2	5	15
c60	Dreany, Harry Hayes.....	Kansas.....	June 29, 1928	19	3	5	15
85	Dropp, Anthony Henry.....	Wisconsin.....	June 15, 1928	18	5	5	15
153	Eastwood, Earl Russell.....	Minnesota.....	Aug. 31, 1928	19	9	5	15
d365	Elliott, Lynn Thomas.....	Kansas.....	June 18, 1928	19	5	5	7
177	Emrick, Paul Edgar.....	Pennsylvania.....	July 9, 1928	18	3	5	15
MC239	Enright, William Keith.....	California.....	June 29, 1928	18	5	5	15
*18	Ernst, Sidney Alfred.....	Michigan.....	July 10, 1928	20	2	5	15
33	Evans, Robert Lloyd.....	Washington.....	June 15, 1928	20	0	5	15
382	Everett, Charles Henry, jr.....	Texas.....	June 19, 1928	19	3	5	15
202	Everett, John Leak, jr.....	North Carolina.....	July 6, 1928	17	4	5	15
298	Fahy, John Southworth.....	Rhode Island.....	Aug. 23, 1928	18	8	5	15
340	Fairbanks, John Francis, jr.....	Massachusetts.....	June 28, 1928	19	11	5	15
254	Faires, Carl Franklin, jr.....	Georgia.....	Aug. 31, 1928	18	8	5	15
6290	Fang, Owen Elkins.....	New York.....	June 21, 1928	19	1	5	15
MC178	Fawcett, Marion Arthur.....	Indiana.....	June 29, 1928	20	3	5	15
*2	Fawkes, Emerson Evans.....	Iowa.....	June 25, 1928	17	0	5	15
212	Feldscher, Willard.....	Wyoming.....	July 23, 1928	18	0	5	15
148	Finney, Earl Peck, jr.....	At large (Pres.).....	June 14, 1928	18	0	5	15
151	Fleck, Thomas Martin.....	Ohio.....	June 15, 1928	19	1	5	7

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
47.92	43.44	29.10	43.76	40.96	13.85	11.76	51.00	281.79
49.68	48.08	31.10	45.60	44.16	13.45	11.24	49.98	293.29
47.84	45.76	28.25	43.12	44.16	14.45	12.36	53.04	288.98
50.64	50.96	31.55	47.84	46.40	14.85	11.52	54.74	308.50
50.40	48.00	32.65	48.48	47.04	14.45	12.04	56.27	309.33
53.28	51.60	33.95	50.40	48.96	16.20	11.04	59.16	324.59
52.24	53.28	34.25	52.88	49.92	14.85	11.60	56.44	325.46
46.72	44.32	29.90	43.44	41.84	14.00	11.12	52.87	284.21
49.60	47.36	32.45	47.20	46.88	15.40	12.28	54.74	305.91
48.96	45.68	29.35	44.40	42.64	13.20	11.12	61.37	296.72
53.52	47.92	31.50	47.92	48.64	15.65	15.12	58.82	319.09
49.12	48.80	29.65	47.36	48.00	14.90	10.44	60.01	308.28
49.76	50.72	32.20	49.92	49.44	14.45	11.44	53.89	311.82
52.00	48.96	30.70	48.64	46.08	15.95	14.48	54.40	311.21
50.40	45.84	28.10	45.84	43.76	14.75	12.16	59.84	300.69
48.48	44.56	29.80	48.32	48.00	16.25	10.68	57.29	303.38
51.04	44.72	31.05	44.96	43.76	14.95	13.04	57.12	300.64
46.08	43.04	26.20	42.96	41.68	13.40	10.12	55.42	278.90
51.20	48.96	31.95	47.44	46.48	14.10	12.08	58.65	310.84
49.60	48.40	30.95	50.72	44.40	13.55	11.80	61.37	310.79
47.44	46.16	27.70	45.12	43.04	14.50	12.84	56.95	293.74
56.24	53.76	34.75	52.00	54.56	14.65	12.16	58.31	336.43
45.60	42.72	27.00	44.32	42.88	14.55	12.64	64.26	293.97
52.96	49.76	30.35	49.36	47.12	14.80	12.44	61.71	318.50
55.20	54.08	33.95	53.28	51.36	15.75	10.68	60.35	334.65
45.68	45.20	29.40	46.56	42.64	12.60	10.36	56.10	288.54
48.08	46.00	29.75	46.24	43.92	15.00	12.28	55.25	296.52
44.16	42.96	26.85	41.84	41.28	13.55	10.20	50.15	270.99
46.32	44.48	28.20	45.20	42.24	15.10	10.84	51.34	283.72
52.08	46.00	28.80	44.88	42.48	14.15	10.76	53.89	293.04
54.80	50.00	34.50	49.76	47.44	16.60	13.20	55.59	321.89
54.16	51.12	30.85	51.52	48.64	17.45	13.28	55.25	322.27
45.20	44.16	28.40	47.52	45.36	13.90	10.32	52.70	287.56
46.56	41.44	26.55	43.44	41.68	15.65	12.68	51.17	279.17
57.04	48.64	31.75	48.96	48.16	16.00	14.00	59.50	324.05
54.40	54.80	35.30	56.16	55.20	16.15	11.12	48.28	331.41
53.28	53.44	32.10	52.00	48.72	15.35	13.64	56.10	324.63
50.80	50.96	32.50	50.48	50.48	14.20	10.40	52.36	312.18
46.40	42.64	36.70	41.84	41.28	14.35	10.08	52.36	285.65
54.80	49.60	31.50	47.44	48.56	15.75	10.80	51.34	309.79
52.48	49.20	30.75	44.56	44.80	15.45	11.40	53.38	302.02
57.92	55.52	34.05	55.52	54.72	17.45	15.16	57.29	347.63
54.00	54.72	34.10	54.64	53.76	16.25	12.56	59.84	339.87
46.24	42.64	26.90	43.60	44.72	14.40	10.40	53.21	282.11
50.48	50.48	32.90	47.36	48.72	15.35	10.56	50.32	306.17
49.60	46.16	29.00	44.96	43.76	14.70	10.16	57.12	295.46
47.36	43.68	26.85	43.76	41.44	13.30	13.32	60.69	290.40
50.00	46.40	28.10	47.28	49.20	15.25	12.24	51.85	300.32
48.64	46.50	29.25	47.04	45.44	16.50	11.92	50.66	296.25
52.32	48.00	29.80	47.28	45.92	14.95	13.24	58.14	309.65
59.44	59.84	37.85	59.92	60.32	16.75	14.36	59.67	368.15
50.56	49.44	32.50	50.00	47.36	13.95	11.16	50.49	305.46
55.68	49.12	32.10	47.36	45.12	14.70	11.28	58.14	313.50
50.16	48.72	20.40	48.08	46.64	14.90	12.00	62.39	312.29

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
366	Flenniken, James Alexander	New York	July 6, 1928	17	11	5	15
124	Foley, Francis Drake	do	July 7, 1928	18	0	5	15
74	Ford, Joel Clarence, jr	Alabama	June 14, 1928	17	4	5	15
*30	Frakes, Dale Roderick	Minnesota	June 29, 1928	19	6	5	15
90	Franklin, William Richard	New York	June 17, 1927	19	10	5	15
*5	Frazer, Charles Leonard	Iowa	June 22, 1928	17	3	5	15
189	Freund, Bernard William	Virginia	June 19, 1928	17	11	5	15
55	Fulton, Robert Burwell, 2d	Mississippi	July 6, 1928	17	6	4	2
b386	Gamble, Robert Lynn	Minnesota	June 25, 1928	17	11	5	15
184	Garrison, Malcolm Everett	Iowa	July 6, 1928	18	3	5	15
266	Gates, Albert Eugene, jr	Dist. of Columbia	June 30, 1927	18	7	8	6
121	Gibson, Scott Kendall	Washington	June 30, 1928	19	2	5	15
100	Gold, Charles Cary	Pennsylvania	July 16, 1928	17	9	5	15
315	Goodgame, Robert Edward, jr	Tennessee	July 9, 1928	19	2	5	15
324	Goodhue, Arthur Archibald	Massachusetts	June 28, 1928	19	11	5	15
188	Goodman, Daniel Crosby	Minnesota	June 22, 1928	20	1	5	15
235	Gorsline, Richard Howard	Illinois	July 6, 1928	17	0	5	15
262	Gothie, Daniel Shinton	Pennsylvania	July 31, 1928	17	10	5	15
47	Gramlich, Frederick Martin	New York	July 26, 1928	17	3	5	15
375	Greene, Richard Oden	Oklahoma	June 20, 1928	19	3	5	15
112	Greenlee, Archibald Wilson	Illinois	Aug. 31, 1928	17	6	5	15
84	Gregory, Richard Victor	Virginia	June 28, 1928	18	3	5	15
91	Grider, John McGavock	P. A. 348 (Pres.)	June 27, 1928	17	7	5	15
143	Grouleff, Paul Henry	New York	June 15, 1928	18	0	5	15
229	Groverman, William Heald, jr	West Virginia	July 16, 1928	18	8	5	15
369	Halsey, LeRoy Bartlett	South Carolina	June 22, 1928	19	3	5	15
138	Hamilton, Mason Jay	Indiana	Aug. 2, 1928	17	6	5	15
222	Hardie, Thomas George	Iowa	June 29, 1928	20	1	5	15
364	Harral, Brooks Jared	New York	July 7, 1928	16	11	5	15
110	Harrington, Paul Herbert	do	Aug. 7, 1928	18	0	5	15
d412	Harwell, Joseph LaPrade	Georgia	Sept. 4, 1928	19	11	5	15
255	Harwood, Richard Drury	Tennessee	Aug. 11, 1927	17	11	5	15
121	Hayes, J Harry	New Jersey	June 21, 1928	19	11	5	15
378	Head, Harvey Hatcher	Georgia	July 2, 1928	20	1	5	15
MC180	Heinlein, Oscar Allen, jr	Missouri	June 22, 1928	16	6	5	15
130	Hendrick, Hugh Lee, jr	Texas	June 19, 1928	18	5	5	15
236	Hobbs, George Orrin	Idaho	July 17, 1928	20	0	5	15
*15	Hodge, Ernest Debbes	California	June 21, 1928	18	8	5	15
d127	Hodgkins, Edward Ruggles	Arizona	July 16, 1928	18	1	5	15
b282	Holloway, Carlton Elbridge	Massachusetts	June 22, 1928	18	4	5	15
d355	Holmes, William McClintic	Oklahoma	June 19, 1928	17	8	5	7
338	Hooper, John Hall	New York	Aug. 23, 1928	18	1	5	15
362	Hopkins, Thomas Walton	Maryland	Aug. 7, 1928	17	5	5	15
*19	Horner, John Stuart	Michigan	July 23, 1928	16	11	5	15
215	Howe, Frederic Northey	P. A. 348 (Pres.)	July 6, 1928	17	6	5	15
d270	Howle, Wilbur Graham	South Carolina	July 20, 1928	17	9	5	15
88	Hughes, George Ervin	Oklahoma	July 6, 1928	17	4	5	15
*22	Hull, Harry	Georgia	July 9, 1928	16	6	5	15
206	Humes, Ralph Martin	Rhode Island	June 28, 1928	18	4	5	15
MC281	Humiston, Julian Gray	Idaho	June 15, 1928	18	10	5	15
d76	Hummer, Harry Cessna	Pennsylvania	June 30, 1926	16	5	9	29
d231	Humrichouse, James Walker	do	July 6, 1928	17	3	5	15
157	Hunter, George Cuthbert	South Dakota	July 9, 1928	17	5	5	15
b298	Hurley, Thomas Benedict	New York	June 15, 1928	19	8	4	22

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
47.60	44.56	28.70	44.00	43.92	14.60	11.92	50.15	285.45
54.88	48.88	31.60	47.36	44.96	15.65	12.60	61.87	317.30
56.48	48.80	32.90	48.80	49.44	16.25	12.00	62.22	326.89
58.08	54.80	35.40	57.04	52.72	15.60	11.88	56.10	341.62
54.64	49.20	31.45	51.04	49.36	15.60	12.36	60.69	324.34
58.00	55.68	35.90	57.12	55.12	17.60	14.20	62.90	356.92
51.92	49.60	29.80	50.24	47.68	14.40	10.84	53.89	308.37
55.76	52.64	34.90	53.20	50.72	15.85	12.76	57.29	333.12
46.32	44.56	30.60	44.40	43.76	14.45	10.76	46.53	281.43
51.36	48.00	29.85	46.72	45.92	16.55	11.48	59.16	309.04
52.00	45.84	27.75	44.08	42.40	14.85	11.88	59.84	298.64
50.56	49.04	31.05	50.72	54.16	14.65	11.88	55.93	317.99
54.40	53.12	33.00	52.96	47.76	14.70	12.20	53.89	322.03
46.00	44.48	28.15	45.20	42.88	15.40	10.56	60.52	293.19
49.28	45.12	27.20	46.40	43.84	14.00	12.40	54.06	292.30
52.16	46.00	28.25	48.48	44.08	15.85	12.04	61.54	308.40
49.60	47.84	30.95	44.56	44.16	14.60	12.52	58.48	302.71
50.24	48.40	32.30	46.72	45.04	14.55	12.04	49.81	299.10
54.48	52.08	34.55	55.04	52.48	15.60	13.12	58.99	336.34
45.36	45.20	28.05	45.04	42.16	13.45	11.12	53.72	284.10
53.28	50.00	33.95	52.48	55.44	13.25	11.08	50.15	319.63
53.68	52.24	33.05	51.20	50.32	14.10	11.36	58.82	324.77
55.68	49.52	32.80	52.24	50.00	15.95	11.04	56.78	324.01
52.08	49.68	34.50	49.44	51.04	15.30	12.20	49.81	314.05
49.36	50.72	31.40	47.44	46.08	14.25	11.04	53.04	303.33
48.88	44.64	29.55	44.08	45.36	15.35	10.08	47.09	285.03
51.04	48.00	31.20	51.20	48.72	15.90	11.68	57.29	315.03
49.76	49.28	30.80	47.28	48.00	16.05	11.20	52.19	304.56
46.40	44.80	28.55	43.84	47.04	14.60	10.24	51.17	286.64
51.44	49.36	32.95	52.48	49.28	14.75	12.36	57.46	320.08
43.76	41.84	25.40	40.24	40.48	14.60	11.76	54.40	272.48
49.28	47.92	29.95	48.48	44.96	14.65	11.16	53.89	300.29
54.40	48.16	32.85	50.72	45.12	14.10	13.56	51.34	310.25
46.16	44.48	27.25	45.84	44.32	14.65	11.96	48.79	283.45
48.40	48.88	33.40	51.68	51.60	14.60	10.72	50.32	309.60
52.88	50.48	31.60	50.16	50.08	14.70	10.92	55.42	316.24
49.84	48.16	30.40	47.68	45.28	15.20	11.24	54.57	302.37
56.64	55.28	35.95	57.28	54.96	16.70	12.48	60.18	349.47
52.88	48.00	29.85	51.84	46.96	16.20	12.12	58.82	316.67
48.16	45.28	27.50	45.12	45.68	15.50	13.36	56.61	297.21
47.20	46.08	27.90	44.64	43.20	12.95	11.04	54.91	287.92
47.28	46.40	30.20	46.16	43.28	14.20	10.68	52.36	290.56
49.84	43.92	27.40	44.08	42.48	13.75	10.32	55.08	286.87
56.16	54.40	36.10	54.80	57.04	16.60	12.40	59.16	346.66
49.76	46.88	30.35	49.76	45.28	13.45	12.76	57.12	305.36
47.68	46.32	30.80	46.16	43.76	14.40	12.60	56.44	298.16
54.00	50.48	35.10	51.76	49.52	16.50	13.04	54.06	324.46
55.60	55.92	34.60	54.96	52.40	17.15	13.76	60.86	345.25
51.12	47.52	30.50	47.04	47.68	15.40	11.20	55.42	305.88
48.48	46.96	29.10	47.36	43.76	16.65	12.60	52.36	297.27
52.24	52.32	35.15	52.96	53.28	15.20	12.16	53.55	326.86
48.64	47.84	30.65	45.04	43.76	14.55	11.08	61.37	302.93
54.08	48.16	31.60	49.60	48.24	13.50	11.08	55.42	311.68
49.84	47.28	29.25	46.48	43.20	14.10	11.08	54.23	295.46

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
*16	Hurst, Edwin William.....	South Dakota.....	Aug. 2, 1928	17	10	5	15
224	Hutchings, Charles Slack.....	Texas.....	June 29, 1928	19	5	5	15
268	Hutchinson, George Leland.....	Colorado.....	July 24, 1928	18	5	5	15
175	Hydeman, Earl Twining.....	Ohio.....	Sept. 1, 1928	17	2	5	15
336	Innis, Walter Deane.....	Indiana.....	Aug. 31, 1928	19	6	5	15
*10	Jaap, Joseph Abraham.....	Colorado.....	July 7, 1928	19	6	5	15
92	Jacobs, John Francis, jr.....	New Jersey.....	July 9, 1928	16	6	5	15
291	James, George Shearman, jr.....	Maryland.....	June 22, 1928	17	7	5	7
302	Jewett, Garry William, jr.....	Washington.....	June 21, 1928	19	5	4	2
373	Johnson Clifford Arthur.....	Illinois.....	July 9, 1928	17	10	5	15
136	Johnson, John Henry Stewart.....	Mississippi.....	June 18, 1928	19	5	5	15
145	Johnson, Ralph Clarence.....	Illinois.....	June 29, 1928	17	6	5	15
d193	Johnson, Stanley Howard.....	Michigan.....	July 20, 1928	16	6	5	15
296	Jonson, William Crawford, jr.....	Kentucky.....	June 18, 1928	18	5	5	15
354	Jukes, Herbert Lollis.....	Arkansas.....	June 29, 1928	20	0	5	15
352	Kaplan, Albert David.....	Iowa.....	June 18, 1928	18	0	5	15
232	Kasperek, Clarence Emery.....	Nebraska.....	June 21, 1928	18	7	5	15
98	Kaufman, John Holladay.....	At large (Pres.).....	June 14, 1928	18	1	5	15
MC368	Keen, Cleo Rafter.....	Missouri.....	June 22, 1928	18	7	5	15
404	Keene, Charles, jr.....	Dist. of Columbia.....	June 21, 1928	19	2	5	15
144	Kehl, George William.....	Texas.....	June 28, 1928	19	5	5	15
40	Kelly, William Daniel.....	Pennsylvania.....	June 19, 1928	17	8	5	15
202	Kemper, James Lawson.....	California.....	Aug. 29, 1928	19	4	5	15
227	Kenna, William Edward.....	West Virginia.....	June 29, 1928	17	4	5	15
151	Kerr, Robert Hartley.....	New York.....	June 22, 1928	17	11	5	15
38	Keyes, Charles Melville.....	Colorado.....	June 21, 1928	18	3	5	15
32	Kinert, David Frederic.....	Washington.....	June 29, 1928	18	9	5	15
b405	King, Otis Bascom.....	Alabama.....	June 15, 1927	17	8	8	6
89	Kintberger, Leon Samuel.....	Maryland.....	Aug. 30, 1928	18	4	5	15
120	Kirn, Louis Joseph.....	Wisconsin.....	July 6, 1928	20	1	4	22
MC162	Klinksiek, Henry Tilman.....	Missouri.....	June 29, 1928	19	5	5	15
d149	Knock, Daniel Clyde, jr.....	Kansas.....	June 22, 1928	18	5	5	15
50	Knoertzer, Halford A.....	Washington.....	do.....	17	4	5	15
305	Koivisto, Martin Mathew.....	Michigan.....	June 18, 1928	19	1	5	15
260	Konrad, Edmond George.....	Wisconsin.....	June 21, 1928	19	4	4	22
393	Kretz, Charles Henry, jr.....	Oklahoma.....	June 15, 1928	18	4	5	15
79	Kuhl, Joseph Howard.....	Iowa.....	July 16, 1928	20	3	5	15
c416	Labouisse, Samuel Stanhope.....	Louisiana.....	Aug. 31, 1928	18	11	5	15
351	Lamade, John Dietrick.....	Pennsylvania.....	July 7, 1928	18	3	5	7
57	Lambert, Richard Holland.....	Massachusetts.....	July 6, 1928	18	2	5	15
209	Langen, Thomas David Francis.....	do.....	June 22, 1928	20	2	5	15
170	Lank, Theodore Small.....	Delaware.....	July 7, 1928	19	1	5	15
390	Lanman, Charles Burrows.....	Arizona.....	July 16, 1928	19	3	5	15
d370	Lapidus, Earl Alvin.....	Nebraska.....	July 31, 1928	18	4	5	15
66	Lark, Jacob Aucker.....	Pennsylvania.....	July 6, 1928	18	5	5	15
292	Latta, Frank De Vere.....	Iowa.....	July 23, 1928	19	6	5	15
d284	Lavery, Richard John.....	Illinois.....	July 19, 1928	18	3	5	15
80	Leeds, John Raymond.....	Pennsylvania.....	June 15, 1928	20	2	5	15
253	Leonard, Robert Craven.....	North Carolina.....	June 19, 1928	18	8	5	15
332	Letts, Kenneth Pearle.....	Michigan.....	June 28, 1928	19	7	5	15
68	Leverett, Travis Robert.....	Texas.....	June 20, 1928	18	3	5	15
200	Lewis, John Stephen.....	At large (V.P.).....	June 22, 1928	20	2	5	15
*27	Lewis, Porter.....	Alabama.....	July 16, 1928	17	1	5	15
d201	Lewis, Walter Henry.....	Pennsylvania.....	June 19, 1928	18	6	5	15

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
56.80	52.32	35.40	56.64	55.76	17.10	13.04	62.22	349.28
52.48	48.72	30.75	45.60	48.40	14.65	11.56	51.85	304.01
49.44	45.52	27.95	47.28	44.40	13.35	10.96	59.50	298.40
53.68	48.24	33.00	47.44	44.32	16.25	13.56	53.38	309.87
46.72	45.84	27.20	45.76	42.48	15.60	11.72	55.42	290.74
58.96	55.28	36.00	55.84	55.28	16.60	13.96	61.88	353.80
53.76	53.44	33.30	48.72	51.44	16.75	14.40	52.19	324.00
46.06	47.92	32.65	48.72	43.20	13.60	10.92	53.21	296.22
46.72	43.20	28.45	46.80	45.36	12.95	11.32	60.18	294.98
47.20	42.88	27.40	44.72	42.56	14.90	10.96	53.72	284.34
54.96	49.60	30.35	49.28	48.00	14.15	11.88	57.29	315.51
52.72	49.36	29.75	53.20	49.36	13.75	11.44	54.40	313.98
49.36	47.60	31.65	47.92	49.92	17.00	10.96	53.38	307.79
50.24	47.28	28.05	45.36	44.56	14.25	11.60	54.23	295.57
47.12	42.24	27.25	43.44	41.84	13.50	10.80	61.88	288.07
47.92	44.40	28.05	45.44	45.92	15.30	10.68	50.49	288.20
49.52	46.80	29.85	49.52	45.28	14.65	11.00	56.27	302.89
53.28	51.12	31.60	49.44	49.44	15.60	11.16	61.03	322.67
44.56	44.03	27.80	45.12	44.00	13.70	10.48	55.42	285.16
46.16	45.36	27.70	43.28	41.04	13.00	10.40	50.49	277.43
51.76	46.96	31.80	47.04	47.04	15.20	13.52	60.69	314.01
56.00	52.16	34.20	54.48	54.48	16.45	12.56	57.29	337.62
50.00	47.92	29.85	48.48	50.32	14.55	11.16	53.89	306.17
50.72	47.20	32.05	49.28	50.56	14.15	10.56	49.13	303.65
52.24	48.64	29.45	50.72	46.56	14.55	11.48	58.65	312.29
57.12	50.96	35.15	52.96	51.68	15.45	14.76	59.67	337.75
56.08	54.56	33.20	55.84	54.88	16.40	12.24	56.78	339.98
44.24	44.24	26.75	43.04	44.64	14.30	10.56	49.47	277.24
53.84	53.52	33.85	55.84	51.04	14.15	10.68	51.61	324.43
49.12	48.32	31.90	52.48	50.88	14.80	11.60	58.99	318.09
50.72	46.16	32.35	50.48	47.12	16.25	12.60	55.42	311.10
50.40	47.20	33.20	48.96	47.36	14.70	12.96	58.65	313.43
56.72	53.68	34.95	54.40	51.60	16.90	12.80	54.57	335.62
49.20	47.12	29.00	44.80	44.80	14.20	10.64	54.91	294.67
46.56	47.20	31.15	49.04	44.16	14.05	10.64	56.61	299.41
46.00	43.04	26.95	44.48	45.60	13.00	10.68	50.15	279.90
53.36	52.40	31.15	52.40	48.72	15.50	10.63	61.88	326.09
44.72	43.52	26.35	42.64	42.64	13.90	10.72	45.05	269.54
45.20	46.72	27.70	45.76	43.20	13.35	10.52	55.76	288.21
54.88	50.64	34.55	50.48	52.80	14.15	13.72	61.71	332.93
51.92	47.12	29.45	46.96	44.88	15.75	11.36	58.14	305.58
50.40	48.80	33.15	51.04	48.56	13.80	10.48	54.06	310.29
45.36	45.36	27.60	44.16	44.16	14.65	10.84	47.94	280.07
46.80	45.68	29.45	45.76	43.92	14.30	12.40	46.24	284.55
55.60	51.84	33.20	52.24	50.80	14.75	11.44	59.84	329.71
47.84	47.36	30.80	45.12	42.24	14.10	11.08	57.63	296.17
47.60	46.96	27.20	45.12	45.28	13.65	11.72	59.33	296.86
52.16	52.16	33.65	49.68	47.52	15.15	12.00	63.58	325.90
47.04	51.68	30.40	48.32	44.64	14.90	10.88	52.53	300.39
50.56	44.88	28.55	44.64	42.88	13.35	11.00	55.59	291.45
55.68	52.56	34.05	52.56	51.04	14.40	11.24	57.63	329.16
52.00	48.96	30.25	46.88	45.36	14.10	12.64	56.44	306.63
59.28	54.40	33.30	55.52	55.68	16.95	12.32	55.25	342.70
51.44	49.52	31.00	47.20	45.36	15.35	10.84	55.76	306.47

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
54	Lietwiler, John Marion.....	Ohio.....	June 25, 1928	20	2	5	15
155	Little, Rex Beach.....	Kansas.....	June 14, 1928	17	11	5	15
248	Lockwood, Harris Cade.....	New York.....	June 19, 1928	19	9	5	15
105	Loughlin, Joseph James, jr.....	P. A. 348 (Pres).....	July 6, 1928	20	0	5	15
372	Lowndes, Thomas Pinckney.....	South Carolina.....	June 28, 1928	19	4	5	15
360	Lucier, Roland Omer.....	Montana.....	June 29, 1928	19	11	5	15
196	Luker, George Robert.....	Illinois.....	June 14, 1928	20	0	5	15
242	Lunger, John Philip.....	New York.....	June 19, 1928	18	7	5	15
403	Lyons, Charles Malaher, jr.....	Massachusetts.....	July 9, 1928	18	9	5	15
398	Lyons, William Beauveau Borie.....	Pennsylvania.....	July 2, 1928	19	1	5	15
c419	Maher, Eugene Hugh.....	Utah.....	July 25, 1928	20	3	5	15
344	Major, Albert Sidney, jr.....	Virginia.....	June 29, 1928	19	11	5	7
265	Mallory, Charles King, jr.....	Maryland.....	June 25, 1928	18	7	5	15
*1	Mandelkorn, Richard Shai.....	Illinois.....	July 9, 1928	17	11	5	15
312	Mang, Louis Wilbur.....	Maryland.....	June 28, 1928	19	6	5	15
237	Marshall, James Gilbert.....	Tennessee.....	June 19, 1928	18	1	5	15
221	Mather, Max Chapman.....	Ohio.....	July 2, 1928	19	4	5	15
207	Matter, Alfred Richard.....	Montana.....	July 20, 1928	18	5	5	15
133	Maulsby, Robert John Costley.....	Iowa.....	June 21, 1927	17	2	6	0
411	Mayer, Rollins Harry.....	Missouri.....	June 22, 1928	19	8	5	15
370	McAlpine, Lloyd Hiram.....	Massachusetts.....	June 28, 1928	19	10	5	15
240	McCandless, Bruce.....	Colorado.....	June 14, 1928	16	10	5	15
323	McCarley, Henry Harris.....	South Carolina.....	July 23, 1928	18	3	5	15
276	McCormick, John Joseph.....	Pennsylvania.....	June 19, 1928	17	10	5	15
225	McCormock, Samuel Aldo.....	Michigan.....	July 16, 1928	17	6	5	15
346	McCrea, Victor B.....	Ohio.....	June 26, 1928	19	11	3	21
322	McDonald, David Harold.....	Tennessee.....	June 28, 1928	20	2	5	15
357	McGoldrick, Joseph Aloysius.....	Pennsylvania.....	July 30, 1928	19	5	5	15
326	Melver, DeWitt Clinton, jr.....	North Carolina.....	June 19, 1928	18	0	5	15
301	McLeod, Donald King.....	Nevada.....	June 22, 1928	18	8	5	15
b95	Miller, John Stanley.....	Texas.....	June 25, 1928	19	8	5	15
*21	Miller, William Reynolds.....	Maryland.....	July 17, 1928	16	10	5	15
*7	Mitchell, Gilbert Hesser.....	Pennsylvania.....	July 23, 1928	17	3	5	15
359	Moncure, Samuel Pemberton.....	Virginia.....	Sept. 1, 1928	18	11	5	7
267	Montgomery, Thomas Jefferson.....	Ohio.....	June 22, 1928	17	8	5	15
190	Moore, Harry Grimshaw.....	Georgia.....	July 9, 1928	19	5	5	15
319	Moore, John Anderson.....	Arizona.....	June 15, 1928	18	5	5	15
327	Moore, Robert Brevard.....	North Carolina.....	July 7, 1928	18	9	5	15
c418	Morgan, Robert Arlan.....	New Hampshire.....	July 6, 1928	18	2	5	7
49	Morse, John Henry, jr.....	South Carolina.....	June 22, 1928	18	1	5	15
337	Munger, Malcolm Townsend.....	Massachusetts.....	July 9, 1928	19	4	5	15
104	Munholland, John.....	Louisiana.....	June 22, 1928	17	7	5	15
*8	Munson, Henry Glass.....	California.....	June 29, 1928	18	6	5	15
113	Murphy, Charlton Lewis, jr.....	Pennsylvania.....	June 28, 1928	20	2	5	15
d214	Murphy, Jerome Elmer, jr.....	New York.....	July 19, 1928	18	11	5	3
MC107	Murray, Ellsworth Neil.....	Minnesota.....	June 14, 1928	18	0	5	15
211	Musgrave, Charles Wiegel.....	Ohio.....	July 9, 1928	18	10	5	15
*11	Mustin, Lloyd Montague.....	Pennsylvania.....	June 14, 1928	16	11	5	15
173	Myers, Jacob Christian.....	California.....	June 29, 1928	18	9	5	15
b233	Nelson, Carl Philip.....	North Dakota.....	June 15, 1928	18	6	5	15
109	Nicholas, Nicholas John.....	Maine.....	June 22, 1928	19	2	5	15
308	Nisewaner, Terrell Andrew.....	Idaho.....	June 29, 1928	18	2	5	7
306	Nuessle, Francis Edward.....	North Dakota.....	June 27, 1928	17	5	5	15
303	O'Connor, Michael Bernard.....	Oregon.....	June 20, 1928	18	6	5	15

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
55.36	53.68	33.05	52.16	51.52	15.55	13.84	58.31	333.47
55.12	49.68	30.15	48.40	47.28	15.05	11.60	54.74	312.02
48.48	47.60	28.50	45.68	45.04	13.35	10.32	62.05	301.02
54.08	40.44	31.40	50.80	47.60	15.75	11.72	60.69	321.48
47.12	45.36	28.25	45.12	42.96	12.85	10.72	52.02	284.40
46.88	42.48	26.40	48.96	45.52	13.70	10.80	52.53	287.27
50.80	47.04	30.75	46.88	47.28	14.40	10.96	58.82	306.93
52.00	46.80	28.25	45.68	45.84	13.65	13.96	55.59	301.77
45.04	42.48	26.90	44.72	41.84	14.00	12.28	50.49	277.75
45.60	41.68	27.65	43.76	41.12	12.85	12.00	54.23	278.89
43.20	41.52	27.65	42.24	41.12	12.65	10.00	42.67	261.05
46.48	44.48	27.75	46.56	44.32	12.90	10.08	57.46	290.03
50.64	44.96	29.65	44.40	45.52	15.40	10.68	57.63	298.88
59.20	59.36	38.40	60.24	61.20	18.50	14.64	57.12	368.66
46.72	44.72	28.55	45.92	43.92	13.70	10.88	55.76	290.17
50.88	46.08	31.65	48.56	46.72	15.50	10.44	52.53	302.36
50.24	48.08	31.30	48.48	44.56	14.95	12.64	54.40	304.65
53.60	46.24	30.55	48.16	45.04	15.25	12.24	54.57	305.65
56.00	48.32	33.30	50.00	45.76	14.35	12.80	55.42	315.95
41.92	42.40	27.55	42.80	42.80	13.40	10.28	51.68	272.83
47.68	44.64	26.85	42.80	43.12	13.55	11.68	54.23	284.55
50.72	47.92	31.40	44.16	41.28	14.50	10.80	61.20	301.98
51.20	46.24	28.10	42.64	44.40	13.90	10.84	55.08	292.40
49.60	45.36	28.15	46.16	44.56	15.50	11.04	57.46	297.83
49.60	49.28	30.95	49.52	47.44	15.00	10.64	51.51	303.94
45.76	43.36	27.40	44.64	41.28	14.20	10.00	62.90	289.54
46.24	45.44	29.30	47.12	48.48	13.35	11.84	50.66	292.43
48.24	44.80	28.85	44.48	43.36	13.65	10.84	53.38	287.60
46.72	46.40	29.00	44.88	44.72	14.20	11.52	54.40	291.84
48.64	45.12	29.20	45.28	45.44	15.15	10.76	55.76	295.35
56.96	48.96	31.90	49.44	45.44	16.40	13.84	60.18	323.12
56.80	55.60	35.05	57.52	53.68	16.45	12.52	57.80	345.42
58.32	55.60	35.00	57.92	54.80	17.30	14.68	62.56	356.18
48.72	44.80	28.15	44.16	42.00	14.50	11.00	54.06	287.39
49.04	45.20	29.60	45.68	44.24	14.60	10.76	59.33	298.45
51.44	50.24	30.25	49.44	46.80	15.35	11.28	53.55	308.35
46.00	46.08	29.75	48.56	44.24	14.25	11.48	52.19	292.55
48.96	43.68	27.50	43.36	43.92	13.25	10.28	60.86	291.81
42.80	44.56	27.45	42.40	39.68	12.70	10.16	46.24	265.99
56.32	51.36	33.35	53.52	52.24	17.55	12.64	58.82	335.80
47.44	46.16	27.70	44.64	43.68	14.80	10.68	55.59	290.69
53.60	48.24	30.95	52.16	46.88	14.30	13.84	61.71	321.68
58.56	54.08	36.45	58.96	58.96	16.40	11.56	60.18	355.15
54.24	51.12	32.75	50.88	48.72	16.10	10.96	54.57	319.34
48.32	47.68	30.90	47.04	47.92	14.20	11.88	57.46	305.40
53.76	50.64	33.40	50.00	48.88	14.65	12.64	57.29	321.26
50.08	47.44	31.15	46.32	45.44	14.85	10.52	59.67	305.47
57.52	56.16	34.90	56.32	55.36	17.30	13.52	61.54	352.62
47.84	48.56	32.75	50.64	53.44	13.40	11.40	51.85	309.88
46.88	48.72	30.75	48.56	47.36	13.60	12.00	54.91	302.78
55.04	51.76	28.70	51.76	47.92	16.40	12.40	56.61	320.59
49.44	45.44	28.00	43.28	41.52	14.90	11.88	60.01	294.47
46.72	45.12	29.85	46.48	44.16	15.30	10.92	56.10	294.65
47.76	46.24	28.30	45.36	46.72	14.55	11.36	54.57	294.86

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
77	Odend'hal, Charles Joseph, jr.....	Massachusetts.....	Aug. 23, 1928	17	7	5	15
41	Osler, Paul Gordon.....	Iowa.....	June 14, 1928	18	0	5	15
186	Ottinger, George Malone.....	Tennessee.....	Aug. 27, 1928	18	4	5	15
135	Onterson, William.....	California.....	Aug. 7, 1928	18	7	5	15
347	Ovrom, Allan Alfred.....	Wisconsin.....	June 22, 1928	18	3	5	15
380	Owens, Hinton Allen.....	Georgia.....	July 25, 1928	19	4	5	15
*31	Palmer, Charles Joseph.....	New Hampshire.....	July 18, 1928	17	11	5	15
195	Parker, Alton Enoch.....	Idaho.....	June 22, 1928	19	8	5	15
111	Parker, Frank Mahlon.....	Indiana.....do.....	.....do.....	17	9	5	15
417	Parrish, Lloyd Withers.....	New Mexico.....	July 5, 1927	19	10	5	15
61	Pavlic, Milton Frank.....	Ohio.....	June 25, 1928	18	6	5	15
166	Payne, Edwin Kent.....	West Virginia.....	June 21, 1928	19	10	5	15
410	Perkins, Charles Elliott.....	North Carolina.....	June 28, 1928	19	2	5	7
145	Perkins, William Beckwith, jr.....	Virginia.....	June 21, 1928	17	4	5	15
*14	Pfingstag, Paul William.....	Indiana.....	July 18, 1928	17	6	5	15
300	Phares, Everett Lang.....	Maryland.....	June 23, 1928	19	9	4	14
275	Phillips, Charles Edwin.....	Iowa.....	July 6, 1927	18	2	5	11
309	Pierce, George Ellis.....	Tennessee.....	June 19, 1928	18	8	5	15
b241	Pinkston, Earl Roland.....	Georgia.....	June 15, 1928	18	5	5	15
159	Pitts, Ray Maurer.....	Texas.....	June 23, 1928	18	9	5	15
b63	Pletta, Fred Arthur.....	Illinois.....	July 31, 1928	18	11	5	15
399	Porter, George Egbert, jr.....	Pennsylvania.....	July 17, 1928	19	1	5	15
MC71	Porter, Robert Reed.....	Wisconsin.....	June 25, 1928	17	11	5	15
297	Pressey, George Washington.....	Virginia.....	July 6, 1928	18	0	5	15
132	Prince, Howard Riche.....	Tennessee.....	June 23, 1928	19	8	5	15
150	Quarles, Samuel Frank.....	Virginia.....	June 19, 1928	17	5	5	15
377	Quirk, Philip Decatur.....	At large (Pres.).....	June 14, 1928	18	5	4	18
293	Ramey, John William.....	Kentucky.....	June 22, 1928	19	10	5	15
45	Raring, George Louis.....	Pennsylvania.....	July 16, 1928	17	6	5	15
323	Raymond, William Henry, jr.....	North Dakota.....	June 19, 1928	18	0	5	15
58	Reilly, James Vincent.....	New York.....	Aug. 1, 1928	19	4	5	15
*24	Reiter, Harry Lee, jr.....	Colorado.....	July 17, 1928	18	7	5	15
333	Rhoads, Norwood Brouse, jr.....	Louisiana.....do.....	.....do.....	19	9	5	15
318	Rice, George Frank.....	New Hampshire.....	June 18, 1928	19	1	5	15
119	Richards, William LeRoy.....	Missouri.....	July 9, 1928	17	6	5	15
341	Roach, John Paul.....	Texas.....	June 23, 1928	18	10	5	15
328	Robards, William Camp Fitz-Hugh.....	At large (Pres.).....	June 14, 1928	17	6	5	15
261	Roblin, Robert Downing.....	New York.....	June 15, 1928	17	3	5	15
246	Rogers, George Pearsall.....	Alabama.....	June 16, 1928	18	11	5	15
343	Roudebush, Jack.....	California.....	July 2, 1928	18	1	4	14
b334½	Rounds, Horace Priest.....	Massachusetts.....	July 9, 1928	19	2	5	15
*3	Ruckner, Edward Aberle.....	New Jersey.....do.....	.....do.....	18	8	5	15
34	Ruhlman, Fred Lee.....	Nebraska.....	June 14, 1928	19	3	5	15
289	Sampson, Norman John.....	Connecticut.....	July 9, 1928	18	9	5	15
125	Sargent, Harold Lazelle.....	Missouri.....	June 23, 1928	17	7	5	15
391	Scherini, Otto Axel.....	Washington.....	Aug. 13, 1928	19	0	5	15
129	Schmidt, Maximilian Gmelich.....	Missouri.....	June 14, 1928	19	3	5	15
126	Schroeder, William Paul.....	Michigan.....	June 29, 1928	19	6	5	15
*6	Schultz, Floyd Bernard.....	.....do.....	June 15, 1928	17	6	5	15
283	Schwartz, Isador Joseph.....	Pennsylvania.....	June 29, 1928	19	6	5	15
*29	Scott, David Darwin.....	South Dakota.....	June 25, 1928	16	5	5	15
409	Scott, Reader Clarence.....	Illinois.....	July 6, 1928	18	11	5	15
243	Seely, Harry Woodworth.....	New York.....	Sept. 23, 1928	19	1	8	6
52	Shaw, Spencer Loraine.....	South Carolina.....	June 22, 1928	17	4	5	15

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
53.60	48.08	32.85	50.00	50.24	17.10	12.52	62.22	326.61
54.24	54.24	35.30	56.00	51.92	15.30	11.84	58.48	337.32
52.56	51.28	32.05	49.76	48.24	14.85	11.80	48.11	308.65
55.84	48.56	31.35	47.36	50.80	14.75	10.52	56.44	315.62
45.92	45.12	28.70	45.76	43.28	13.75	11.28	55.59	289.40
44.48	42.48	28.55	44.80	43.28	13.65	10.68	54.57	282.49
56.32	54.00	33.30	53.28	53.04	16.10	12.80	61.54	340.38
48.80	46.16	30.20	50.80	46.72	13.35	12.04	58.99	307.06
52.24	51.44	31.10	50.88	45.92	15.20	11.68	61.20	319.66
41.76	41.92	26.60	42.96	41.04	12.85	10.00	49.30	266.43
55.20	53.12	32.15	52.96	52.08	15.65	11.08	58.82	331.06
51.76	49.20	30.85	50.72	45.36	14.15	10.12	58.65	310.81
43.28	43.76	26.60	43.04	41.84	14.70	10.76	49.47	273.45
53.60	50.24	31.75	50.00	47.28	15.05	12.68	53.38	313.98
55.28	54.64	36.35	56.48	55.20	17.10	12.64	62.56	350.25
46.72	45.20	29.35	46.08	44.72	15.75	11.64	55.93	295.39
52.00	47.28	29.85	46.88	44.40	15.05	11.40	51.00	297.86
50.56	44.88	31.50	45.68	45.04	15.00	12.04	49.64	294.34
48.88	47.20	28.25	46.24	48.16	15.20	11.52	56.44	301.89
51.60	49.84	31.80	48.96	47.28	15.95	13.40	55.93	314.76
55.12	52.08	33.85	52.24	49.92	16.40	12.04	58.48	330.13
45.12	43.76	27.95	45.52	44.32	14.40	10.20	47.60	278.57
53.84	53.20	35.90	50.96	51.28	16.10	11.08	55.76	328.12
51.84	46.96	30.00	45.28	43.68	14.70	11.40	51.68	295.54
52.40	48.96	31.50	49.44	46.00	14.40	12.60	60.69	315.99
50.64	48.08	31.80	52.00	50.40	14.65	11.08	53.72	312.37
46.48	43.60	29.35	43.84	42.00	14.50	10.32	53.55	283.64
50.64	46.24	29.55	44.56	44.88	13.85	11.12	55.08	295.92
55.44	55.76	33.70	53.92	52.80	16.65	11.24	57.12	336.63
49.20	44.96	28.95	44.40	43.92	14.55	11.20	54.40	291.58
53.60	53.20	33.45	52.08	54.64	16.45	11.96	57.29	332.67
56.00	55.28	35.05	55.12	51.12	16.55	12.28	61.88	343.28
49.44	47.12	29.75	44.88	44.56	14.75	11.08	49.64	291.22
50.64	45.52	27.95	44.00	43.84	13.90	11.44	55.59	292.88
52.64	51.28	33.30	50.48	49.44	14.45	12.00	54.57	318.16
47.28	46.16	29.10	45.28	46.00	15.60	11.12	49.81	290.35
48.16	46.64	26.85	45.68	44.80	15.00	10.56	53.89	291.58
51.44	45.68	31.10	45.92	42.00	14.45	12.24	56.44	299.27
50.64	48.00	29.75	48.24	44.56	14.85	12.52	52.70	301.20
49.04	46.40	28.80	46.96	42.96	13.25	10.88	51.85	290.14
48.08	46.00	26.75	45.28	42.24	14.80	10.72	57.29	291.16
57.44	57.92	36.75	59.92	57.52	15.55	13.08	61.88	360.06
58.32	52.96	32.85	54.48	54.64	14.55	11.44	60.52	339.76
48.00	45.44	30.55	47.60	44.24	13.45	11.84	55.25	296.37
52.48	49.92	34.35	48.72	46.48	15.65	11.52	58.14	317.26
46.00	43.60	26.40	44.08	40.72	14.00	12.88	52.36	280.04
51.44	47.76	31.15	50.80	46.64	15.00	10.80	62.90	316.49
48.96	50.72	31.90	47.52	50.48	14.10	12.48	60.52	316.68
58.08	57.60	36.75	56.96	56.08	16.45	13.00	61.54	356.46
49.76	47.84	28.40	46.24	44.24	14.90	10.64	54.91	296.93
56.24	55.36	35.90	55.12	55.36	16.85	11.40	55.93	342.16
44.24	42.64	26.50	43.60	42.64	13.25	10.20	50.66	273.73
50.80	45.04	27.55	45.60	45.36	14.85	11.92	60.52	301.64
54.96	53.20	34.45	57.12	57.28	16.55	11.04	49.81	334.41

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
406	Shea, John Dwight.....	West Virginia.....	July 9, 1928	17	5	5	15
304	Shelton, Howard Edward, jr.....	Kentucky.....	June 22, 1928	18	4	3	17
294	Shinn, Allen Mayhew.....	California.....	July 11, 1928	20	1	5	15
108	Short, William Byfield, jr.....	New York.....	June 15, 1928	19	5	5	15
400	Short, Wallace Clark, jr.....	do.....	July 23, 1928	19	4	5	15
MC395	Shovestul, Paul James.....	Pennsylvania.....	June 28, 1928	19	3	5	15
161	Shumway, DeWitt Wood.....	New York.....	June 21, 1928	18	8	5	15
73	Silverstein, Max.....	Illinois.....	June 18, 1928	17	4	5	15
93	Simmers, Clayton Rogers.....	Pennsylvania.....	June 16, 1927	19	8	8	6
168	Simpson, Robert Tate.....	Texas.....	Sept. 1, 1928	20	0	5	15
147	Slayden, Alvin Cloems.....	Tennessee.....	June 22, 1928	19	2	5	15
65	Small, Selden Clobridge.....	New York.....	June 15, 1928	18	5	5	15
311	Smiley, Clare Brown.....	Alabama.....	June 22, 1928	16	5	5	15
394	Smith, Charles Hubert.....	Georgia.....	June 15, 1928	17	8	5	15
330	Smith, Daniel Flecher, jr.....	Texas.....	Sept. 1, 1928	18	5	5	15
314	Smith, John Bernard.....	Massachusetts.....	June 22, 1928	19	3	5	15
MC388	Smith, James Gene.....	Missouri.....	June 18, 1928	17	11	5	15
325	Smith, Lawrence.....	New York.....	June 25, 1928	19	5	4	22
102	Smith, Levering.....	Illinois.....	June 18, 1928	18	3	5	15
d86	Smith, Lewis Oscar, jr.....	West Virginia.....	June 15, 1928	17	7	5	15
272	Smith, Reynolds C.....	Michigan.....do.....	do.....	19	3	5	15
274	Smythe, Lawrence William.....	Indiana.....	June 18, 1928	19	2	5	15
159	Snowden, Ernest Maynard.....	North Carolina.....	June 29, 1928	17	1	5	15
p	Snyder, Philip Leroy.....	Ohio.....	July 9, 1928	18	3	2	24
*13	Sosnoski, Harry.....	do.....	June 28, 1928	20	1	5	15
d*23	Soule, Ritus Albertson, 3d.....	Massachusetts.....	June 18, 1928	18	6	5	15
103	Spangler, John Gilmore.....	Nebraska.....	July 9, 1928	19	8	5	15
407	Speer, John Orin.....	Pennsylvania.....	June 28, 1928	20	1	5	15
220	Spiers, John Randall.....	New Jersey.....	July 31, 1928	16	11	5	15
339	Stannard, Wilford Tennyson.....	Connecticut.....	June 28, 1928	18	8	5	7
MC258	Starr, Marvin Tipton.....	Washington.....	June 29, 1928	19	10	5	15
367	Stieler, Roland Emil.....	Texas.....	June 20, 1927	20	3	5	11
82	Stoner, Howard Fletcher.....	Indiana.....	June 22, 1928	17	8	5	15
320	Strickler, Robert Lawrence.....	Oklahoma.....	Sept. 1, 1928	18	11	5	15
142	Stuart, William Aurand.....	West Virginia.....	July 6, 1928	18	8	5	15
122	Sugarman, Charles Maurice.....	Oregon.....	Aug. 7, 1928	18	9	5	15
59	Sunderland, Morton.....	At large (Pres.).....	June 14, 1928	17	5	5	15
385	Sutton, John Joseph.....	Illinois.....	July 6, 1928	19	3	5	15
238	Tagg, William Leonard.....	Nebraska.....do.....	do.....	17	6	5	15
335	Taylor, Ennis Walter.....	Texas.....	June 28, 1928	19	10	5	15
383	Tennent, John Gardner, 3d.....	At large (Pres.).....	June 14, 1928	18	6	5	15
43	Thomas, Donald Irving.....	Virginia.....	June 22, 1928	18	3	5	15
331	Thomas, James Alfred.....	Ohio.....	June 28, 1928	18	11	5	15
MC277	Thompson, Forest Carson.....	Indiana.....	June 18, 1928	19	9	4	22
MC252	Thompson, Joseph.....	Maine.....	June 22, 1928	16	11	5	15
204	Thorn, William Alvah.....	Maryland.....	June 13, 1927	19	10	5	14
d223	Toft, James Cecil, jr.....	New Jersey.....	June 18, 1928	19	6	5	15
387	Townsend, Harry Edson.....	New York.....	June 15, 1928	18	10	5	15
39	Townsend, William Edward.....	Ohio.....	July 30, 1928	18	7	5	15
MC217	Tschirgi, Harvey Curtis.....	Iowa.....	June 29, 1928	20	2	4	22
d226	Tucker, Augustine John, 2d.....	Pennsylvania.....	June 21, 1928	18	10	5	15
MC176	Turton, Howard Johnson.....	Connecticut.....	July 16, 1928	18	1	5	15
351	Tuttle, Magruder Hill.....	North Carolina.....	June 28, 1928	19	11	4	22
67	Underwood, Gordon Waite.....	Oregon.....	July 9, 1928	18	1	4	22

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronautics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
44.16	43.60	27.25	43.76	43.44	14.40	10.40	49.81	276.82
46.96	44.24	28.15	46.24	42.80	13.10	10.88	62.39	294.76
50.72	46.80	29.60	47.04	44.16	16.95	13.48	47.09	295.84
55.20	50.00	28.35	49.76	51.20	16.30	12.04	58.14	320.99
45.92	43.52	26.55	42.72	42.32	13.80	10.40	53.04	278.27
45.76	42.64	25.75	44.56	41.92	13.90	10.24	54.57	279.34
51.60	47.84	30.55	46.88	47.60	14.55	11.24	60.86	311.12
51.76	51.68	32.35	51.52	52.24	15.25	11.72	60.69	327.21
55.76	50.48	31.65	48.96	49.84	16.50	11.92	58.31	323.42
47.92	48.48	30.30	48.08	45.20	14.10	13.12	63.58	310.78
52.24	47.92	33.40	52.40	52.80	14.20	10.96	49.81	313.73
52.96	53.84	33.75	54.00	50.88	15.25	11.72	57.63	330.03
50.16	45.28	27.75	45.36	45.52	16.50	11.76	51.51	293.84
45.28	44.96	27.10	43.84	42.48	13.35	10.56	51.85	279.42
47.44	46.24	29.20	46.00	43.84	14.75	11.36	52.70	291.53
49.76	44.24	29.75	44.48	41.92	13.35	10.40	59.33	293.23
43.84	47.36	27.80	44.48	43.68	12.85	10.16	50.66	280.83
46.24	46.40	28.95	43.60	42.96	13.20	10.24	60.35	291.94
53.92	51.76	32.45	51.76	49.76	15.30	11.52	55.25	321.72
54.00	49.28	29.60	51.68	52.40	17.10	11.04	59.50	324.60
49.52	47.36	29.40	48.32	44.64	14.45	10.68	53.72	298.09
45.48	45.12	28.20	46.40	43.84	13.40	10.80	61.71	297.95
52.00	49.60	32.65	49.60	47.12	13.65	11.28	55.59	311.49
(a)	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
56.40	55.04	35.75	55.52	55.04	17.85	13.80	62.05	351.45
56.24	53.52	33.30	55.28	55.92	16.55	13.64	59.33	343.78
51.28	48.80	32.40	52.80	49.52	14.85	12.20	59.84	321.69
43.92	44.56	26.90	42.64	41.68	13.60	11.40	51.85	276.55
52.08	49.20	29.40	47.20	43.44	14.70	12.88	55.76	304.66
47.36	43.68	29.25	46.96	43.12	13.30	12.36	54.40	290.43
52.64	45.60	28.40	47.68	46.88	14.70	10.60	53.38	299.88
44.00	44.56	27.45	43.52	42.72	13.60	10.28	59.16	285.29
52.24	52.32	33.60	53.84	50.64	14.10	11.52	56.78	325.04
48.96	45.60	27.65	45.36	43.92	14.65	12.68	53.72	292.54
50.40	47.68	31.95	52.00	50.88	13.90	10.64	56.95	314.40
52.48	50.48	33.20	50.72	47.36	15.45	12.04	55.76	317.49
53.52	53.12	34.25	56.24	51.44	16.70	11.40	56.61	333.28
44.48	44.64	27.15	43.12	43.36	15.25	10.96	52.70	281.66
50.24	46.48	32.40	47.68	44.32	13.50	11.56	55.33	302.11
50.48	43.68	28.20	43.04	42.40	16.50	10.56	56.10	290.96
48.00	43.20	27.15	42.72	41.20	13.80	10.32	55.42	281.81
57.28	52.72	36.25	52.40	46.56	17.80	13.16	60.86	337.03
49.52	46.08	29.80	45.92	44.08	15.60	12.24	48.28	291.52
47.28	46.56	31.80	48.16	44.08	14.65	10.20	55.08	297.81
48.48	48.48	32.70	44.80	45.36	14.75	11.12	54.91	300.60
50.64	48.16	28.85	47.28	47.76	13.85	10.92	53.65	306.11
49.92	47.12	30.50	46.32	48.72	15.65	11.28	54.57	304.08
43.44	42.48	29.35	45.04	42.88	13.65	10.24	54.06	281.14
55.68	53.12	32.45	53.84	51.60	16.25	13.04	61.71	337.69
48.48	49.76	30.00	50.96	47.60	14.75	10.96	52.70	305.21
50.72	47.12	33.75	45.28	45.92	14.55	10.20	56.27	303.81
52.72	47.68	30.40	48.24	46.96	14.75	12.32	56.78	309.85
45.92	44.08	27.15	44.08	41.92	13.70	10.48	55.08	282.41
51.68	52.32	34.00	54.32	52.88	15.30	12.12	56.95	329.57

Merit roll of the midshipmen of the graduating class (class of

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
256	Underwood, Robert DuBois.....	At large (Pres.)...	June 18, 1928	16	9	5	15
169	Utter, Harmon Tischer.....	Ohio.....	June 22, 1928	18	10	5	15
94	Vandling, Robert Edward.....	Pennsylvania.....	July 17, 1928	18	11	5	15
141	Van Evera, John Rynier.....	Minnesota.....	June 29, 1928	16	10	5	15
131	Van Every, Salem Augustus, jr.....	North Carolina.....	July 9, 1928	17	7	5	15
183	Vanous, William Winfield.....	Maryland.....	June 28, 1928	19	3	5	15
*28	Van Slyke, Francis Allen.....	Michigan.....	June 14, 1928	17	11	5	15
389	Vaughan, Frederick Owen.....	P. A. 348 (Pres.)...	June 15, 1928	19	8	5	15
257	Vaughan, John.....	Michigan.....	July 26, 1928	17	11	5	15
250	Vorpahl, Arthur Henry.....	Wyoming.....	June 22, 1927	19	6	8	6
408	Vrooman, William Tayler.....	New York.....	June 19, 1928	17	7	5	15
197	Wagnon, Lucien Edward.....	South Carolina.....	do.....	19	5	5	15
234	Walker, Robert Power.....	California.....	Aug. 30, 1927	19	6	5	11
35	Ward, Alfred Gustave.....	Alabama.....	June 28, 1928	19	7	5	7
b154	Warder, Thomas Grayston.....	West Virginia.....	June 25, 1928	17	9	5	15
218	Warfield, Thomas Glover.....	Nebraska.....	July 6, 1928	18	10	5	15
*12	Waters, Odale Dabney, jr.....	Virginia.....	July 9, 1928	18	0	5	15
36	Weeks, Robert Harper.....	Massachusetts.....	June 14, 1928	18	6	5	15
78	Wellings, Albert Aloysius.....	do.....	Aug. 10, 1928	19	7	5	15
*4	Weschler, Charles John.....	Pennsylvania.....	July 7, 1928	19	0	5	15
d361	West, John Taliaferro.....	Maryland.....	July 16, 1928	18	11	5	15
116	Weston, Wallace Humphrey.....	Maine.....	June 22, 1928	19	11	5	15
137	White, Theodore Harrison.....	New York.....	June 19, 1928	19	1	5	7
259	Widhelm, William John.....	Nebraska.....	July 2, 1928	20	0	5	15
264	Wigelius, Frank Edward.....	Washington.....	July 17, 1928	19	10	5	15
356	Wildner, Adolphe.....	New York.....	July 3, 1928	17	10	5	15
*20	Willard, Chauncey Shearer.....	Florida.....	June 14, 1928	18	4	5	15
307	Williams, Paul Darwin.....	South Dakota.....	June 22, 1928	17	6	5	15
134	Williams, Richard Claggett, jr.....	Maryland.....	Aug. 27, 1928	17	9	5	15
348	Williamson, Lindsey.....	New York.....	July 9, 1928	19	4	5	15
199	Williamson, Marcus William.....	Minnesota.....	June 22, 1928	17	9	5	15
140	Williamson, Thomas Fort.....	Alabama.....	July 9, 1928	16	8	5	15
285	Wilson, George Rees.....	Illinois.....	Aug. 31, 1928	17	11	5	15
56	Wilson, Ronald Lee.....	do.....	June 18, 1928	18	7	5	15
163	Wilson, Ralph Martin.....	Pennsylvania.....	June 15, 1928	20	2	5	15
74	Wilson, William Ritchie.....	Illinois.....	July 9, 1928	17	6	5	15
271	Winter, William, jr.....	Michigan.....	June 21, 1928	18	0	5	15
247	Wintle, Jack William.....	Kansas.....	June 14, 1928	20	2	5	15
230	Witherow, Joseph Francis, jr.....	California.....	June 15, 1928	17	11	5	7
263	Wolsieffer, Frederick.....	New Jersey.....	June 28, 1928	19	11	5	15
172	Woodward, Edwin Charles.....	At large (Pres.)...	June 14, 1928	17	9	5	15
97	Wylie, Joseph Caldwell, jr.....	New Jersey.....	do.....	17	3	5	15
d273	Young, Melvin Thayer.....	Wisconsin.....	June 22, 1928	19	11	4	14
115	Young, Robert Cummings.....	West Virginia.....	June 21, 1928	18	8	5	15
158	Zink, William Talbott, jr.....	Maryland.....	June 30, 1928	18	1	5	15

1932), 423 members, for the last year of their academic course—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Naviga- tion	Engineer- ing and aeronau- tics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for service	Aggre- gate fourth year
Maximum								
64	64	40	64	64	20	16	68	400
43.88	45.36	29.65	45.84	49.76	14.60	11.44	54.74	300.27
51.04	49.92	31.00	49.44	46.96	14.05	11.36	56.95	310.72
53.36	53.68	31.50	49.44	50.56	15.85	11.36	57.63	323.38
54.32	46.32	30.20	48.16	46.72	16.20	13.20	59.33	314.45
53.68	50.56	32.10	50.24	48.16	15.35	13.24	52.87	316.20
49.60	49.12	31.00	50.64	50.16	14.25	10.80	53.55	309.12
54.64	53.60	35.60	56.48	57.12	15.25	11.76	57.97	342.42
43.92	43.52	26.40	44.16	44.08	14.40	11.28	52.36	280.12
50.88	47.76	30.10	45.12	45.76	15.20	11.84	53.38	300.04
50.48	44.96	29.25	46.08	44.56	14.20	11.96	59.16	300.65
46.08	43.20	27.35	42.64	43.12	14.10	10.84	47.77	275.10
54.16	49.44	28.35	45.92	45.76	15.30	12.20	55.76	306.89
52.96	47.12	31.05	47.36	44.56	14.50	11.32	53.89	302.76
53.68	53.92	35.40	56.72	54.00	15.50	11.76	58.65	339.63
51.76	49.84	34.35	49.20	46.88	14.20	11.28	54.57	312.08
49.76	48.56	30.60	48.72	49.44	13.95	11.56	52.36	304.95
57.52	53.12	36.05	57.12	53.84	17.05	13.24	63.58	351.52
54.40	51.68	34.55	53.84	52.16	17.25	13.28	61.88	339.04
57.04	53.84	33.90	51.52	51.60	15.50	12.36	50.49	326.25
56.88	56.96	36.70	57.12	54.88	17.45	13.60	63.92	357.51
47.44	43.60	26.85	45.76	43.28	13.90	10.36	55.76	286.95
57.04	46.88	31.00	49.60	47.68	16.00	10.88	59.67	318.75
52.88	50.00	31.75	49.84	48.88	15.60	11.08	55.42	315.45
48.48	46.88	31.25	48.08	47.20	13.35	11.40	52.87	299.51
48.16	44.96	29.55	48.16	47.12	13.70	11.72	55.59	298.96
50.72	44.88	26.90	44.72	42.40	13.85	11.20	53.04	287.71
56.48	53.44	35.45	56.72	53.68	15.90	12.23	61.54	345.49
48.24	48.08	28.65	46.40	44.48	15.25	11.40	52.02	294.52
52.00	49.92	30.75	51.12	47.76	16.80	13.56	53.72	315.63
48.72	45.28	28.45	45.60	43.60	13.60	12.24	51.85	289.34
51.20	48.64	28.70	47.52	47.28	15.60	12.08	55.76	306.78
54.24	47.44	30.35	49.28	51.84	15.45	11.12	54.74	314.46
52.56	45.60	29.90	45.84	43.76	15.10	11.60	52.36	296.72
53.28	52.16	34.50	52.88	52.48	14.30	12.88	60.52	333.00
52.64	48.08	29.00	48.08	47.84	15.65	11.20	58.48	310.97
54.80	51.44	33.50	52.08	49.12	16.65	13.20	56.10	326.89
49.04	46.72	28.50	46.32	43.84	14.25	11.16	58.31	298.14
50.08	46.64	30.40	46.16	42.64	14.95	10.64	59.67	301.18
52.72	47.68	32.25	46.48	42.16	17.75	13.68	50.49	303.21
53.12	48.00	29.15	48.48	43.92	14.50	12.92	48.96	299.05
54.16	45.44	29.20	47.76	44.88	14.85	12.08	61.71	310.08
52.32	52.24	35.10	51.60	47.52	15.60	11.04	57.46	322.83
49.36	45.76	28.10	47.04	43.60	14.30	12.52	57.29	297.97
53.44	50.64	31.65	49.60	48.64	15.30	10.68	58.99	318.94
52.88	46.32	31.40	47.52	47.04	17.10	10.72	58.65	311.63

Merit roll of the midshipmen of the present first class (class of 1933),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
428	Abbot, Edward William.....	Texas.....	July 13, 1929	18	8	4	17
66	Aiken, William Loughridge.....	Pennsylvania.....	July 8, 1929	19	3	4	16
163	Albiston, Louis Hathaway.....	Rhode Island.....	June 14, 1929	18	4	4	16
43	Anderson, Howard Wendell.....	Minnesota.....	July 5, 1929	17	11	3	13
190	Anderson, Robert Reed.....	Wisconsin.....	Sept. 14, 1929	19	2	4	16
353	Andrews, Haven Washburn.....	At large (V. P.).....	June 20, 1929	19	4	4	16
109	Anthony, Robert Zachary Taylor.....	Tennessee.....	June 21, 1929	17	3	4	17
286	Aponick, Anthony Aloysius.....	Pennsylvania.....	July 15, 1929	18	1	4	16
85	Arnold, Frank Robert.....	California.....	June 14, 1929	18	8	4	16
115	Ashworth, Frederick Lincoln.....	Massachusetts.....	July 12, 1929	17	6	4	16
452	Atherton, Harry Sheldon.....	.....do.....	July 15, 1929	19	6	4	16
149	Authier, Edward Eugene.....	Connecticut.....	June 13, 1929	18	7	4	16
285	Bailey, Joslyn Rigby.....	West Virginia.....	Aug. 2, 1929	17	11	4	17
169	Ballard, Nixon Leslie.....	Illinois.....	June 14, 1929	18	4	4	17
248	Baltermann, George.....	.....do.....	June 24, 1929	17	6	4	17
94	Banzhaf, Henry Frederick.....	Wisconsin.....	July 5, 1929	17	10	4	16
316	Barclay, Kenneth James.....	Michigan.....	June 18, 1929	19	6	4	17
361	Barker, Christopher Sylvanus, jr.....	North Carolina.....	Aug. 26, 1929	18	0	4	16
444	Barnes, Stanley Maitland.....	New Hampshire.....	July 29, 1929	16	11	4	16
296	Barnum, Robert Hudson.....	New York.....	June 17, 1929	18	8	4	17
421	Barr, James Barbour.....	.....do.....	July 9, 1929	18	6	4	16
267	Beam, James Llewellyn.....	Illinois.....	June 14, 1929	17	3	4	17
306	Beard, Norman Wycliffe.....	Tennessee.....	June 29, 1929	19	7	4	16
354	Bedell, Porter Fryman.....	Texas.....	June 20, 1929	17	11	4	16
447	Bellinger, William Cotesworth Pinckney, jr.....	South Carolina.....	June 15, 1928	18	11	4	16
84	Bennett, Carter Lowe.....	Tennessee.....	July 5, 1929	19	11	4	17
288	Bertolet, Samuel.....	Pennsylvania.....	June 19, 1929	18	10	4	16
282	Best, Ethridge Charles.....	Texas.....	July 16, 1929	19	1	4	17
*13	Bethea, James Stephen.....	Arizona.....	June 14, 1929	17	10	4	17
50	Bewick, James Voigt.....	Missouri.....	June 18, 1929	19	0	4	16
291	Beyer, Aaron Frederick, jr.....	Pennsylvania.....	June 22, 1929	17	7	4	16
236	Bierer, Howard Troutman.....	Oklahoma.....	July 1, 1929	17	4	4	16
220	Bird, Horace Virgil.....	.....do.....	July 11, 1929	17	1	4	16
413	Black, Richard Thomas.....	California.....	June 28, 1929	18	6	4	17
198	Black, Thompson, jr.....	New York.....	June 17, 1929	19	9	4	16
151	Blackburn, John Thomas.....	At large (Pres.).....	.....do.....	17	0	4	16
257	Blakelock, Francis Luke.....	New York.....	June 18, 1929	16	3	2	23
120	Blatchford, Walter Larned.....	At large (V. P.).....	June 20, 1929	19	2	4	16
356	Blick, Charles Augustus.....	New Jersey.....	.....do.....	18	1	4	17
274	Blouin, Francis Joseph.....	Massachusetts.....	June 13, 1929	18	11	4	16
165	Bobo, Walter Sidney, jr.....	Mississippi.....	July 1, 1929	18	7	4	17
*8	Bourland, Joseph Hunt.....	Texas.....	June 18, 1929	18	5	4	17
*10	Bowen, Harold Gardiner, jr.....	California.....	July 15, 1929	16	9	4	17
311	Bowen, Robert Oliver.....	Massachusetts.....	July 16, 1929	19	2	4	16
*34	Bowling, Theodore Cheeseborough, jr.....	Oklahoma.....	June 20, 1929	19	10	4	17
58	Bowman, Merle Francis.....	Pennsylvania.....	June 14, 1929	18	11	4	16
384	Brittan, Theodore Harry.....	Ohio.....	June 26, 1929	18	10	4	17
119	Bronson, Frederick Schaffer.....	Connecticut.....	June 22, 1928	19	8	4	18
451	Brown, Edwards.....	South Dakota.....	June 18, 1929	19	4	4	17
*32	Brown, Francis Elwood.....	Nevada.....	June 21, 1929	18	1	4	17
175	Brown, James Oliver.....	Pennsylvania.....	June 18, 1929	19	6	4	16
450	Brown, Maurice Burton.....	North Dakota.....	June 17, 1929	18	7	4	16
124	Brownrigg, France Herbert.....	Florida.....	July 23, 1929	19	4	4	3

for the third year of their academic course, 456 members, June, 1932

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
19.08	17.70	34.86	35.95	27.00	32.34	8.83	35.23	210.99
20.34	21.00	40.80	43.83	29.90	39.84	8.88	42.25	246.84
21.36	19.86	35.34	38.99	30.30	36.84	10.18	43.29	236.16
22.14	20.40	41.34	45.16	32.60	40.14	9.57	42.51	253.86
18.96	19.56	37.92	39.42	29.30	38.10	8.36	41.34	232.96
17.40	17.34	33.78	37.92	27.70	33.30	8.52	43.94	219.90
21.30	20.04	40.02	41.80	29.90	38.76	9.25	39.65	240.72
18.66	17.70	37.50	36.33	28.00	35.28	10.23	41.47	225.17
21.18	18.84	39.24	43.17	31.30	38.16	9.35	42.38	243.62
20.58	18.96	40.38	40.10	28.20	37.26	9.34	45.24	240.06
17.16	16.98	31.20	33.61	25.30	31.74	8.77	40.56	205.32
20.28	19.44	39.60	40.26	27.30	36.78	9.45	43.68	236.79
19.68	17.34	38.58	37.90	26.40	33.18	9.88	42.38	225.34
20.88	18.60	41.28	39.89	30.30	36.96	8.34	39.13	235.38
17.16	16.86	38.22	39.24	32.20	35.70	9.52	38.87	227.77
20.70	19.74	39.66	40.69	30.20	39.24	10.01	42.12	242.36
18.18	17.34	35.34	37.80	27.10	32.94	8.95	44.72	222.37
19.68	17.28	34.74	37.64	26.30	34.14	8.08	41.60	219.46
17.10	16.98	31.56	34.44	25.70	34.98	7.93	39.00	207.69
19.08	17.76	36.72	36.89	27.30	34.26	9.26	43.03	224.30
17.34	16.62	31.74	35.79	27.50	33.18	8.27	41.47	211.91
18.42	17.64	37.74	39.39	27.30	36.00	8.14	41.86	226.49
17.76	18.78	35.88	38.74	29.80	35.04	8.47	39.13	223.60
18.72	16.14	36.84	37.09	27.60	34.26	9.18	40.04	219.87
16.02	17.58	32.64	34.96	25.70	33.18	8.08	38.74	206.90
21.36	19.62	38.82	43.01	32.50	40.32	8.98	39.39	244.00
20.76	18.12	34.38	36.83	26.70	35.16	8.85	44.20	225.00
18.36	18.30	37.14	42.11	28.40	35.58	8.63	37.05	225.57
21.00	19.86	41.10	47.15	37.60	42.12	10.29	44.98	264.10
21.54	19.56	41.28	45.04	31.90	41.58	9.54	40.95	251.39
16.86	17.58	36.12	38.12	28.90	37.38	8.23	41.73	224.92
21.72	18.60	36.72	38.92	26.80	34.98	8.54	42.25	228.53
20.46	18.36	36.24	39.70	28.80	35.64	8.86	42.12	230.18
18.60	16.50	32.52	36.42	26.50	33.00	8.07	41.73	213.34
20.40	19.20	36.30	40.95	27.90	35.88	7.97	43.03	231.63
20.58	18.12	39.90	39.15	30.00	37.20	9.40	42.38	236.73
19.62	17.40	37.08	37.02	31.80	35.58	9.11	39.52	227.13
21.42	19.86	37.50	40.48	27.70	37.02	10.23	45.63	239.84
18.12	17.54	34.74	39.19	27.50	34.86	8.76	39.00	219.71
17.94	17.46	35.82	36.87	29.10	36.90	10.85	41.21	226.15
19.74	17.34	39.42	37.87	29.30	37.02	9.97	45.37	236.03
21.42	20.04	43.44	44.06	37.10	42.84	10.79	46.93	266.62
23.04	20.64	43.32	46.24	35.00	41.88	11.12	44.46	265.70
17.82	16.98	35.52	37.98	26.20	35.58	8.47	44.33	222.88
21.18	19.68	41.34	46.06	33.60	42.30	10.56	42.64	257.36
21.18	20.70	39.96	43.43	30.50	38.10	9.93	45.63	249.43
18.60	18.60	34.38	35.14	28.20	33.60	8.57	39.78	216.87
21.06	18.96	38.52	39.24	29.80	37.68	8.54	46.15	239.95
17.52	16.02	31.86	35.33	25.60	31.92	7.63	39.52	205.40
21.84	20.46	41.88	43.54	35.50	42.06	10.45	41.86	257.59
19.38	18.84	37.14	40.55	29.40	36.48	9.51	43.55	234.85
15.60	15.90	32.46	34.58	27.30	31.50	8.53	40.17	206.04
19.38	18.72	40.80	41.61	32.50	39.00	8.55	39.13	239.69

Merit roll of the midshipmen of the present first class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
138	Bruning, Frederick William	New York	July 22, 1929	18	5	4	17
372	Buck, Roy Garvin	Iowa	June 14, 1929	19	5	4	17
287	Buie, Paul Douglas	Georgia	do	20	2	4	16
397	Bulkeley, John Duncan	Texas	June 20, 1929	17	10	4	16
97	Bullock, James Earl	Ohio	July 20, 1929	18	10	4	17
387	Burks, Jesse Billy	Alabama	June 25, 1928	19	11	7	10
101½	Burrow, James Barrington	Florida	June 21, 1929	18	5	4	16
98	Burton, Paul Willits	Pennsylvania	June 13, 1929	17	8	4	16
141	Caldwell, Clarence Mills	Oklahoma	July 1, 1929	18	9	4	16
292	Camera, Robert Snowden	New Jersey	July 5, 1929	20	3	4	16
357	Cameron, William Graham	Wisconsin	June 14, 1929	18	6	4	17
200	Campbell, Clifford Morgan	Washington	Aug. 26, 1929	20	4	4	16
171	Campbell, Earnest Goodrich	Nevada	June 29, 1929	18	1	4	17
134	Campbell, James Harry	Arkansas	June 26, 1929	18	1	4	3
*12	Chambliss, Allan McLane	Maryland	July 31, 1929	17	8	4	16
49	Chase, Jay Valentine	At large (Pres.)	June 13, 1929	18	7	4	17
160	Cheatham, Benjamin Ballard	Florida	June 18, 1929	18	7	4	17
409	Chilton, Edwin Harlan	Oregon	June 28, 1929	18	10	4	16
148	Christ, Harold Frank	Wisconsin	June 20, 1929	19	6	4	17
99	Christie, Warren Byron	Missouri	do	17	6	4	17
162	Christopher, Thomas Aloysius	New Jersey	June 17, 1929	18	1	4	16
390	Clark, Albert Hobbs	Maine	do	18	6	4	16
241	Clark, Walter Lucas, jr	Vermont	July 1, 1929	17	3	2	23
209	Clementson, Merrill Kinsell	Pennsylvania	Aug. 26, 1929	19	6	4	17
146	Climie, James Fraser	Alaska	July 29, 1929	19	10	4	17
270	Cobb, James Outterson	California	June 28, 1929	19	6	4	16
237	Coffey, William Augustus	West Virginia	July 5, 1929	20	3	4	16
331	Coleman, Garrett Steele	California	July 17, 1929	18	6	4	17
432	Coleman, Robert Benjamin	New York	July 6, 1929	19	10	4	17
61	Connolly, Thomas Francis	California	July 1, 1929	19	8	2	23
88	Conwell, Lester Cameron	Iowa	June 14, 1929	18	8	4	16
239	Copeland, Richard Goodwin	Massachusetts	July 1, 1929	20	3	4	16
289	Costello, Joseph Patrick	New York	June 17, 1929	18	1	4	17
128	Coye, John Starr, jr	Delaware	June 14, 1929	18	2	4	16
425	Crawford, Max Edward	Illinois	June 24, 1929	17	1	4	16
348	Crenshaw, William Graves, 3d	Virginia	June 18, 1929	18	8	4	17
419	Cronin, Paul Christopher	New Jersey	June 17, 1929	19	8	4	3
298	Cumming, David Robert	Georgia	June 15, 1929	19	11	4	16
376	Cundiff, Charles Reed	Kentucky	Aug. 26, 1929	20	2	4	17
*24	Curtis, Robert William	Michigan	June 13, 1929	18	10	4	3
*20	Curtze, Charles August	Pennsylvania	June 14, 1929	18	2	4	17
222	Davenport, Edgar Monroe	California	July 5, 1929	19	7	4	17
91	Davenport, Roy Milton	Kansas	June 14, 1929	20	0	4	16
265	Davis, David William, jr	Idaho	do	19	6	4	16
121	Davis, Lewis Milton, jr	New York	June 20, 1929	19	0	4	17
336	Davis, Nathaniel Burt, jr	Massachusetts	July 1, 1929	17	10	4	16
191	Davis, Ray	Louisiana	do	17	2	4	16
400	Dawes, Robert Alden, jr	At large (Pres.)	June 13, 1929	17	7	4	17
90	Dawson, William Lockhart	Florida	do	19	3	4	3
351	DeMaria, Matthew	New Jersey	June 24, 1929	19	0	4	16
370	Denny, James Beattie	Kentucky	June 14, 1929	19	5	4	3
268	Denton, William Thomas	Texas	June 13, 1929	18	4	2	23
272	Derickson, Richard Barnett, jr	Washington	June 21, 1929	19	9	4	17
423	Dew, Irvin Lowell	Oregon	June 18, 1929	18	10	4	16

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
21.24	18.66	40.92	41.39	28.50	37.44	8.12	41.86	238.13
18.48	17.88	32.52	36.76	26.40	33.66	8.36	44.20	218.26
20.22	18.84	33.66	38.24	28.20	36.06	8.54	41.34	225.10
18.96	17.22	33.54	36.52	25.00	32.94	8.43	43.03	215.64
21.24	19.20	38.64	41.53	29.70	40.08	10.52	41.21	242.12
18.60	17.94	32.04	37.10	25.70	33.42	8.39	43.16	216.35
21.00	19.56	38.64	39.75	30.80	39.48	9.52	43.03	241.78
20.46	18.66	40.80	40.00	32.00	38.04	9.95	42.12	242.03
20.94	19.50	34.92	39.10	31.60	38.52	10.04	43.16	237.78
17.28	18.18	35.28	39.55	26.90	35.16	8.15	44.33	224.83
17.82	17.40	34.26	35.58	27.90	34.32	7.79	44.59	219.66
18.72	17.76	39.90	38.95	27.50	35.10	8.80	44.72	231.45
20.46	16.44	38.82	39.77	31.30	35.22	8.90	44.33	235.24
20.94	19.68	38.34	42.66	28.90	36.78	9.08	42.25	238.63
21.84	20.40	43.56	45.80	37.70	41.64	9.68	43.68	264.30
21.06	19.14	40.02	44.46	35.10	41.34	10.35	40.95	252.42
20.28	18.36	39.36	40.33	30.00	37.56	9.25	41.08	236.22
18.18	16.98	35.64	35.80	26.50	33.66	9.18	38.09	214.03
19.68	17.76	40.62	42.15	28.60	36.36	8.97	42.90	237.04
21.12	19.38	41.28	40.98	29.20	39.18	9.31	41.47	241.92
19.92	18.00	36.78	39.43	31.40	36.60	8.81	45.24	236.18
20.76	17.64	32.70	35.25	28.50	33.60	8.57	39.26	216.28
19.26	19.08	35.88	38.49	28.00	35.58	9.19	42.77	228.25
18.84	18.90	37.68	39.79	27.40	36.72	8.59	42.77	230.69
20.10	19.08	37.80	40.03	29.00	36.84	9.72	44.72	237.29
20.04	18.54	34.86	38.19	26.60	36.30	8.42	43.29	226.24
20.10	18.84	35.28	38.92	28.40	36.42	8.79	41.73	228.48
18.66	17.94	34.44	37.09	26.70	31.98	8.49	46.02	221.32
18.18	16.68	33.54	34.79	26.40	33.24	9.26	38.35	210.44
19.92	18.96	39.36	42.47	31.00	40.56	11.74	44.98	248.99
21.42	19.02	42.96	41.40	28.90	37.38	8.64	43.42	243.14
21.66	17.28	38.28	34.43	26.80	34.80	8.66	46.41	228.32
21.00	18.00	35.46	37.75	26.80	35.76	8.87	41.84	224.98
21.00	19.08	39.66	40.19	29.10	38.34	8.54	43.42	239.33
17.88	17.64	33.36	37.16	26.40	34.92	8.06	36.14	211.56
18.30	17.52	35.22	37.54	26.70	32.34	10.42	42.38	220.42
17.22	17.10	31.92	37.27	26.30	33.84	8.43	40.43	212.51
18.24	17.94	34.44	38.09	29.60	34.70	9.26	41.99	224.26
18.18	17.64	33.72	39.51	26.20	32.88	7.94	41.99	218.06
21.54	20.76	40.32	44.35	35.50	41.28	9.79	45.50	259.04
21.96	21.18	39.72	46.14	33.60	40.86	9.93	46.80	260.19
20.10	17.52	37.92	39.90	26.60	34.44	9.75	43.68	229.91
20.10	19.74	37.86	41.77	32.20	37.56	8.41	45.11	242.75
17.70	17.58	37.32	39.53	28.50	34.74	8.10	43.16	226.63
21.06	19.56	37.86	41.80	29.20	37.56	10.78	41.99	239.81
18.90	17.82	35.64	37.45	26.30	34.38	8.18	42.51	221.18
18.48	17.88	34.20	41.33	30.80	38.52	9.86	41.86	232.93
18.72	16.44	33.72	36.37	27.30	32.76	10.63	39.39	215.33
20.58	18.60	37.92	41.86	33.00	36.90	9.84	44.20	242.90
17.40	16.92	35.10	35.51	27.60	34.74	10.01	42.90	220.18
17.28	16.92	34.08	38.47	27.10	33.12	8.16	43.55	218.68
16.86	18.06	35.76	39.74	29.70	37.08	8.39	40.82	226.41
21.78	18.24	34.02	37.78	27.10	35.22	9.26	42.77	226.17
19.50	16.62	32.34	35.55	26.10	33.06	9.06	39.65	211.88

Merit roll of the midshipmen of the present first class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
40	Dietz, James Stratton.....	Ohio.....	July 1, 1929	18	3	4	16
113	Dillon, John Richard.....	Maine.....	July 15, 1929	18	4	4	16
g375	Dillon, Richard Joseph, jr.....	New York.....	June 22, 1929	17	10	2	23
343	Dolan, Francis Arliegh.....	Minnesota.....	June 17, 1929	18	5	4	17
189	Drake, Francis Rodman.....	Oklahoma.....	June 18, 1929	20	0	4	17
434	Drescher, Carl George.....	Illinois.....	July 15, 1929	18	9	4	16
71	Drustrup, Norman James.....	At large (Pres.).....	June 13, 1929	17	1	4	17
333	Duff, Howard Carlton.....	Texas.....do.....	.....do.....	19	0	4	17
412	Duke, Paul Douglas.....	North Carolina.....	July 5, 1929	18	1	4	16
431	Dunagan, Glenn Lewis.....	New Mexico.....	June 25, 1929	19	11	4	2
118	Duncan, Charles Kenney.....	Kentucky.....	June 14, 1929	17	6	4	17
369	Duncan, Turner Alonzo.....	Missouri.....	Aug. 26, 1929	19	8	4	16
*35	Edwards, Albert Earl.....	Nevada.....	July 11, 1929	17	9	4	17
63	Elder, Adrian Maxwell.....	Iowa.....	June 24, 1929	17	9	4	17
150	Elliott, James Meacham.....	Michigan.....	June 13, 1929	20	2	4	17
222	Ellis, Paul Darnell, jr.....	Georgia.....	June 20, 1929	17	11	4	17
410	English, Richard Barker.....	Pennsylvania.....	June 18, 1929	18	5	4	16
117	Enright, Joseph Francis.....	North Dakota.....	June 17, 1929	18	9	4	17
359	Erek, Leo Herman.....	Nebraska.....	June 24, 1929	19	10	4	3
263	Erwin, William Edward, jr.....	Colorado.....	June 19, 1929	20	3	4	17
244	Espenas, Arthur Krag.....	New York.....	June 13, 1929	19	6	3	13
134	Fair, Robert Eli.....	Ohio.....	Aug. 16, 1929	18	3	4	16
360	Ferguson, Glover Trenholm.....	Maryland.....	Aug. 27, 1929	17	2	4	16
386	Ferguson, James DuGue.....	.....do.....	July 2, 1929	18	10	4	17
323	Fernald, Frank Stanford.....	Texas.....	July 16, 1928	19	9	7	11
335	Felder, Charles William.....	Kansas.....	June 28, 1929	19	5	4	17
427	Fleischli, Clarence Aloysius.....	Illinois.....	June 29, 1929	19	3	4	17
185	Foerster, Robert Samuel.....	.....do.....	July 5, 1929	18	4	4	17
*36	Foote, Hugie Lee, jr.....	Mississippi.....	June 25, 1929	17	9	4	16
70	Fortune, James Hunter, jr.....	Ohio.....	June 18, 1929	18	0	4	16
64	Fortune, William Charles.....	New York.....	July 15, 1929	18	4	4	16
262	Foster, Everett Joseph.....	California.....	June 21, 1929	18	10	4	17
348	Fowler, Oliver Noah.....	Texas.....	June 18, 1929	17	10	4	17
100	Fox, Henry Hugo, jr.....	Missouri.....	June 17, 1929	16	5	4	17
96	Franklin, James Gilbert.....	Pennsylvania.....	June 20, 1929	17	11	4	17
319	Fredericks, Edward Herman Charles.....	North Dakota.....do.....	.....do.....	17	4	4	17
157	Fritter, Charles Taylor.....	Ohio.....	July 11, 1929	19	11	4	16
227	Fuller, Donald Walker.....	Massachusetts.....	June 17, 1929	18	3	4	16
249	Fulmer, Herbert Samuel, jr.....	Missouri.....	July 5, 1929	17	1	4	17
280	Fulton, Raymond Lester.....	Pennsylvania.....	June 14, 1929	19	1	4	16
207	Funk, William Glunt.....	Colorado.....	June 24, 1929	18	6	4	16
309	Fusselman, Raymond Dennis.....	Ohio.....	June 18, 1929	18	9	4	17
56	Galantin, Ignatius Joseph.....	Illinois.....	June 13, 1929	18	9	4	17
*3	Gallagher, Robert Anthony.....	Pennsylvania.....	June 18, 1929	19	4	4	16
76	Gallaher, Antone Renkl.....	Georgia.....	July 5, 1929	19	11	4	16
55	Gambling, Norman William.....	New Jersey.....	July 8, 1929	18	6	4	16
235	Gamon, John Arthur, jr.....	Illinois.....	June 14, 1929	18	10	4	17
122	Garnett, Philip Weaver.....	.....do.....	June 20, 1929	18	0	4	17
*16	Garrels, Robert Ernest.....	California.....	June 13, 1929	19	11	4	17
229½	Garrison, Charles Ford.....	At large (Pres.).....	July 12, 1929	18	6	4	16
123	Garrott, Martin Ruch.....	New York.....	July 1, 1929	18	3	4	16
253	Gazlay, Richard Clarke.....	Illinois.....	July 1, 1929	19	8	4	17
*29	Gibbons, Robert Martin.....	Pennsylvania.....	June 21, 1929	19	4	4	17
132	Gill, Frank Benton.....	Nevada.....	June 18, 1929	18	8	4	16

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronaу- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
21.90	19.92	40.50	43.10	34.50	39.90	10.04	45.11	254.97
20.46	19.62	38.28	40.79	27.90	37.86	9.14	46.15	240.20
18.60	17.22	37.02	36.00	28.20	32.52	8.27	40.30	218.13
20.10	18.72	33.48	36.95	26.70	35.04	8.81	41.08	220.88
19.02	18.78	39.54	38.40	31.70	34.56	8.66	42.64	233.30
18.06	17.10	33.66	35.01	25.30	33.84	8.52	38.35	209.84
21.60	19.20	39.78	42.15	32.20	39.12	10.34	41.99	246.38
18.24	16.98	37.62	37.29	27.70	32.76	9.38	41.34	221.31
17.76	16.68	34.44	35.63	26.70	34.38	8.65	39.13	213.37
17.76	16.08	34.86	34.40	28.00	33.96	8.28	37.18	210.52
21.36	20.52	37.50	41.64	27.50	38.40	9.27	43.81	240.00
18.90	18.12	32.70	37.60	26.70	34.02	7.92	42.77	218.73
21.36	20.34	42.72	44.90	35.20	41.46	9.14	42.12	257.24
21.72	19.56	41.10	44.56	33.70	40.38	10.58	37.05	248.65
21.66	19.98	36.30	42.19	26.70	37.02	9.77	43.16	236.78
21.30	18.06	34.80	38.43	27.60	35.70	8.78	45.24	229.91
17.10	17.52	33.48	36.75	25.70	34.56	8.27	40.17	213.55
21.18	18.66	40.98	41.39	27.30	37.44	8.48	44.59	240.02
18.60	16.80	34.74	37.06	26.20	34.14	8.90	43.16	219.60
20.40	18.12	36.48	38.61	26.90	34.38	9.02	42.77	226.68
19.92	19.08	35.10	39.02	27.20	36.00	9.52	42.25	228.09
20.46	19.26	36.54	41.92	31.90	38.58	8.50	41.47	238.63
18.12	17.40	31.98	37.37	27.60	34.14	8.96	43.94	219.51
19.86	18.66	31.44	37.77	26.90	32.58	8.98	40.43	216.62
18.54	18.60	35.28	36.58	27.50	35.64	9.08	40.56	221.78
18.36	16.98	35.76	39.32	27.50	33.60	8.78	40.95	221.25
15.96	17.22	35.82	35.20	26.50	32.76	9.23	38.61	211.30
19.92	18.24	39.60	39.30	28.00	37.56	9.07	42.25	233.94
20.34	20.70	41.40	47.42	34.60	41.76	8.26	42.51	256.99
20.46	18.66	40.62	41.44	35.30	39.30	8.74	41.86	246.38
21.00	19.26	40.62	42.12	34.00	39.06	9.26	42.25	247.57
18.00	17.76	37.20	39.58	27.40	34.14	9.19	43.42	226.69
17.82	17.34	36.18	38.98	26.90	35.34	7.95	39.91	220.42
21.18	20.16	40.50	44.67	32.00	37.98	8.55	36.79	241.83
19.98	19.14	41.88	42.30	30.60	38.34	8.63	41.34	242.21
18.66	18.06	34.14	37.50	27.40	34.62	8.73	42.77	221.88
19.80	18.36	36.54	39.41	29.90	37.44	9.21	45.76	236.42
18.90	18.18	37.86	40.49	29.30	35.76	8.32	40.95	229.76
18.84	18.60	38.04	40.06	29.10	36.18	8.58	38.35	227.75
17.52	19.20	33.66	38.36	27.70	37.32	8.39	43.68	225.83
18.54	18.42	37.86	39.65	31.30	36.66	8.74	39.65	230.82
19.86	17.94	35.82	37.98	26.70	33.66	9.20	41.99	223.15
20.88	20.16	40.38	42.90	31.70	37.74	11.21	44.59	249.56
21.84	20.58	44.16	45.92	36.70	43.32	10.88	45.63	269.03
20.34	19.56	39.66	42.19	34.20	38.58	8.50	42.90	245.93
21.66	19.98	42.42	43.33	34.00	38.04	9.66	40.82	249.91
17.94	16.74	38.82	40.85	28.10	35.88	8.79	41.47	228.59
19.08	19.49	39.42	41.28	31.00	36.06	9.46	43.94	239.73
21.90	20.94	42.84	45.83	36.00	41.46	9.56	43.29	261.82
20.04	19.56	34.92	39.03	28.60	35.46	9.21	42.64	229.46
18.96	18.43	38.52	40.80	31.20	41.10	9.17	41.47	239.70
21.00	19.98	32.58	38.53	26.30	36.54	8.85	43.81	227.59
20.40	19.56	43.38	45.50	35.60	42.42	9.58	41.47	257.91
21.36	18.72	36.78	39.48	31.80	39.24	8.29	43.16	238.83

Merit roll of the midshipmen of the present first class (class of 1933) for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
201	Glenn, Elmer Ford.....	Oregon.....	June 28, 1929	19	9	4	16
371	Gorman, Verne Dwight.....	Nebraska.....	June 18, 1929	18	11	4	17
103	Grady, James Bizzell.....	North Carolina.....	July 5, 1929	19	6	4	17
290	Grant, Carl Edward.....	Vermont.....	July 8, 1929	18	1	4	16
325	Gregor, George Donald.....	Pennsylvania.....	July 16, 1929	19	4	4	17
164	Grikscheit, Henry William.....	Michigan.....	July 15, 1929	18	5	4	17
358	Grimm, Edward Elias.....	Pennsylvania.....	July 8, 1929	18	7	4	17
*6	Grubbs, DeWitt Clinton Tucker, jr.....	Kentucky.....	June 21, 1929	18	9	4	17
180	Hanson, Murray.....	New Mexico.....	July 11, 1929	18	8	4	16
g321	Happel, Frank Alexander.....	Maryland.....	July 5, 1929	18	4	2	9
251	Harby, Donovan Bowman.....	South Carolina.....	June 21, 1929	17	7	4	16
62	Hardman, Ward Forrest.....	Missouri.....	June 20, 1929	17	0	4	16
g256	Harper, Richard Vaughan.....	do.....	June 13, 1929	18	7	2	23
402	Harris, Everett John.....	Indiana.....	June 22, 1929	17	8	4	17
105	Hartley, Kenneth James.....	New York.....	June 13, 1929	19	3	3	13
176	Hartman, Irvin Swander.....	Indiana.....	July 5, 1929	17	10	4	16
107	Haskins, Enrique D' Hamel.....	New York.....	June 13, 1929	17	4	4	16
147	Hastings, Burden Robert.....	Indiana.....	June 20, 1929	18	11	4	16
67	Hatcher, Julian Sommerville, jr.....	At large (Pres.).....	June 14, 1928	17	1	4	16
385	Hayden, Eugene Benjamin.....	Kentucky.....	July 1, 1929	18	7	4	17
301	Heath, Clinton James.....	North Dakota.....	July 5, 1929	18	10	4	16
421	Helleman, Lawrence Frederick.....	Iowa.....	June 14, 1929	18	10	4	3
*38	Heinz, Luther Carl.....	Pennsylvania.....	July 8, 1929	17	1	4	16
153	Hessel, John Walter.....	Ohio.....	July 1, 1929	17	11	4	17
445	Hills, Blish Charles.....	Kansas.....	June 14, 1929	18	10	4	16
318	Hird, Robert Calvin Howe.....	At large (Pres.).....	July 2, 1929	17	11	4	16
*402	Holt, Phillip Christian.....	P. A. 348 (Pres.).....	June 21, 1928	18	10	7	8
*18	Howard, Ezra Gleeson.....	Alabama.....	June 28, 1929	18	5	4	17
379	Howard, John Marshall Bowyer.....	Maryland.....	July 5, 1929	17	5	3	26
211	Howell, William Smith.....	Illinois.....	July 1, 1929	18	5	4	16
193	Hudson, George Keith.....	Mississippi.....	June 21, 1929	17	9	4	16
418	Hunt, William Andrew, jr.....	North Carolina.....	July 1, 1929	19	5	4	17
303	Iffrig, Francis Othmar.....	Missouri.....	June 17, 1929	18	5	4	16
173	Ingels, Albert Clayton.....	Ohio.....	June 20, 1929	18	9	4	2
266	Isely, Robert Henry.....	Kansas.....	June 24, 1929	19	6	4	17
210	Jackson, Charles Barzellious, jr.....	Arkansas.....	June 20, 1929	19	1	4	17
297	Jackson, Edward Frank.....	Massachusetts.....	June 21, 1929	18	11	4	17
116	Jacoby, Raymond Bernard.....	New York.....	July 1, 1929	19	1	4	17
140	Jahncke, Ernest Lee, jr.....	Louisiana.....	June 18, 1929	16	10	4	16
420	James, Elliott Lindsay, jr.....	Alabama.....	June 20, 1929	18	5	4	17
350	Jones, Arthur Collins.....	Kansas.....	July 22, 1929	18	9	4	17
222	Jones, Carlton Benton.....	Colorado.....	June 15, 1929	20	1	4	17
434	Jones, Floyd Ross.....	Wisconsin.....	June 20, 1929	16	11	4	17
334	Jones, James Elmer.....	Missouri.....	July 24, 1929	20	2	4	17
216	Jones, Thomas Arthur.....	Indiana.....	July 11, 1929	19	3	4	16
327	Jordan, James Langford.....	California.....	June 26, 1929	19	11	4	17
205	Jurika, Stephen, jr.....	do.....	June 21, 1929	19	0	4	17
252	Kane, William Richard.....	do.....	June 14, 1929	18	0	4	3
106	Kastein, James George.....	Wisconsin.....	do.....	19	0	4	17
398	Kauffman, Draper Laurence.....	Ohio.....	Aug. 12, 1929	18	0	4	16
168	Keating, Robert Allen, jr.....	Massachusetts.....	June 18, 1929	17	5	4	17
373	Kefauver, Russell.....	New York.....	June 21, 1929	17	10	4	17
281	Keller, Clarence Armstrong, jr.....	Kansas.....	June 13, 1929	19	0	4	17
273	Kengla, William Archibald.....	Dist. of Columbia.....	June 25, 1929	19	0	4	17

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and fight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
19.56	19.08	37.92	38.56	29.50	36.12	8.68	41.99	231.41
20.40	18.12	34.08	35.63	25.60	33.66	9.31	41.86	218.66
20.70	18.18	36.66	41.08	33.10	38.22	9.42	44.07	241.43
20.10	18.24	36.36	37.80	28.20	35.28	9.34	39.65	224.97
18.00	17.46	35.82	37.16	27.30	33.78	8.85	43.29	221.66
19.26	20.34	36.06	41.63	29.30	38.40	10.00	41.08	236.07
19.20	17.40	34.62	36.52	27.40	33.96	8.92	41.60	219.62
22.14	21.24	42.24	46.87	37.00	42.30	11.53	43.55	266.87
19.50	18.12	41.10	40.24	30.10	36.00	9.63	39.52	234.21
18.43	17.40	33.96	37.96	28.60	35.22	8.18	41.99	221.79
20.40	17.88	36.42	37.86	29.20	36.90	8.88	40.17	227.71
21.90	18.96	39.96	43.92	31.90	37.80	9.95	44.33	248.72
18.78	18.12	37.02	38.98	29.20	36.90	8.50	39.78	227.28
17.58	16.98	35.16	35.95	27.80	33.36	8.00	39.91	214.74
22.08	19.20	38.64	42.00	30.90	39.24	8.82	40.82	241.70
19.62	18.54	39.48	40.52	28.00	38.40	8.01	42.25	234.82
20.88	19.44	40.92	40.71	31.40	37.02	9.98	40.43	240.78
21.60	18.18	38.10	39.88	30.20	36.84	9.39	43.03	237.22
21.90	19.50	39.84	40.15	31.60	39.54	10.92	43.29	246.74
18.60	16.86	33.72	37.11	26.50	33.30	8.68	41.86	216.63
20.40	16.86	33.78	36.51	29.30	37.68	8.40	41.21	224.14
16.92	17.34	31.74	37.07	25.40	33.60	8.50	41.34	211.91
21.48	20.10	43.86	43.96	36.90	41.16	8.74	40.17	256.37
20.10	18.60	37.92	41.75	28.70	37.62	8.56	43.42	236.67
16.80	17.16	33.18	35.28	25.70	33.06	8.03	37.70	206.91
18.54	17.70	37.20	38.67	27.90	34.20	8.08	39.91	222.20
16.80	16.80	36.24	35.61	27.20	36.54	7.53	38.35	215.07
22.20	19.08	43.38	42.61	36.60	42.48	9.22	45.63	261.20
18.42	17.34	34.86	38.58	26.30	34.44	8.17	39.78	217.89
20.82	18.84	36.54	41.71	27.80	37.56	8.25	39.00	230.52
20.82	18.66	36.48	40.02	29.00	36.36	8.56	42.90	232.80
18.96	17.28	30.84	36.89	27.10	33.90	8.62	39.00	212.59
19.44	18.84	35.76	38.81	26.80	34.92	9.11	40.04	223.72
17.88	17.94	39.12	40.97	30.60	37.68	8.81	41.99	234.99
20.16	16.86	37.08	36.56	28.70	34.74	8.24	44.20	226.54
19.50	17.46	37.50	38.18	29.30	36.30	9.03	43.29	230.56
20.64	18.06	37.14	37.56	27.00	34.14	8.53	41.21	224.28
20.28	18.96	42.42	43.69	27.70	37.26	9.68	40.04	240.03
21.84	20.40	37.92	39.19	27.40	36.12	9.82	45.11	237.80
18.66	17.34	32.34	36.00	26.40	32.94	8.31	40.04	212.03
18.18	17.34	33.18	39.02	26.20	33.24	8.37	44.72	220.25
19.50	19.32	36.00	39.96	27.20	35.16	8.70	44.07	229.91
18.78	17.22	33.00	34.58	27.00	33.84	7.72	37.70	209.84
19.02	18.54	33.72	37.31	27.00	35.52	8.95	41.21	221.27
18.42	17.88	37.62	40.13	28.20	37.98	8.05	41.99	230.27
20.04	17.46	35.22	38.14	27.60	35.34	8.49	39.26	221.55
21.48	18.48	36.66	40.88	27.90	33.06	10.05	42.38	230.89
18.66	18.12	38.58	39.93	27.70	33.72	10.27	40.69	227.67
21.24	19.74	40.38	40.76	29.80	37.20	9.60	42.12	240.84
18.18	16.50	38.58	36.05	29.60	33.36	7.96	35.36	215.59
21.18	19.44	38.76	41.75	28.40	38.46	9.27	38.61	235.87
18.66	17.76	32.88	37.06	28.30	34.98	8.83	39.78	218.25
19.50	18.30	35.40	37.37	27.40	34.08	8.70	44.98	225.73
18.90	18.42	35.40	39.07	28.60	35.10	9.46	41.21	226.16

Merit roll of the midshipmen of the present first class (class of 1933) for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
310	Keyser, Charles Hampson	Virginia	Sept. 1, 1928	19	7	4	18
52	Kibbe, Richard Lucius	Florida	June 18, 1929	18	5	4	3
*5	Kiergan, Nova Babb, jr.	Missouri	June 13, 1929	18	11	4	17
186	Kimball, Leland Porter, jr.	Pennsylvania	June 18, 1929	18	5	4	16
340	King, Charles Emmett	Ohio	Aug. 19, 1929	17	2	4	16
143	Kirby, Charles Calvert	At large (Pres.)	June 13, 1929	18	2	4	16
218	Klinsmann, George Otto	North Dakota	June 20, 1929	18	10	3	13
*15	Klopp, John Albert	Illinois	June 14, 1929	17	5	4	16
321	Koch, George Price	Pennsylvania	July 1, 1929	19	0	4	16
181	Koenig, Joseph William	Louisiana	June 14, 1929	19	6	4	7
424	Kuehl, Howard Frank	Wisconsin	June 18, 1929	19	6	4	16
269	Kuhn, Lawrence Charles	Pennsylvania	do	18	10	4	17
363	Lacey, Donald Orr	South Dakota	do	19	5	4	17
455	LaCombe, Joseph Leer	Louisiana	June 15, 1929	20	1	4	2
*28	Laird, George Hays, jr.	West Virginia	do	18	0	4	16
*19	Lambert, David	Massachusetts	June 13, 1929	17	1	4	16
75	Lane, Richard	Minnesota	June 20, 1929	17	6	4	17
144	Laughon, Willard Ross	West Virginia	July 5, 1929	18	5	4	17
166	Leach, Robert William	Massachusetts	July 11, 1929	18	4	4	16
*17	Lee, Edward Percy, jr.	Kentucky	June 13, 1929	19	2	4	17
208	Lee, Lamar, jr.	Virginia	June 26, 1929	18	2	4	17
69	Lehman, John Samuel	Utah	Sept. 5, 1929	16	9	4	17
50	Leon, Hayden Louis	North Carolina	June 21, 1929	17	8	4	17
426	Leverenz, Roy Fred	Michigan	July 24, 1928	18	10	7	11
137	Lindsay, Harry Meakin, jr.	New York	Aug. 19, 1929	19	1	4	17
110	Linson, Ross Garner	Nebraska	June 13, 1929	18	4	4	2
229	List, Frank Voris	Washington	June 28, 1929	19	3	4	17
324	Long, Elmer Cecil	Illinois	July 5, 1929	18	7	4	17
407	Long, Thomas Albert	California	July 15, 1929	19	3	4	17
378	Longshore, Frederick Kime	Pennsylvania	July 5, 1929	18	1	4	16
178	Lord, Edwin Elmer, 3d	do	July 31, 1929	18	6	4	16
183	Loughlin, Charles Elliott	P. A. 348 (Pres.)	June 21, 1929	19	4	4	16
108	Loveland, Kenneth	Utah	June 30, 1928	18	8	7	10
93	Luosey, Michael Joseph	Maine	July 23, 1929	17	3	4	16
f352	Lyon, Thomas Emery	Kentucky	June 13, 1929	17	11	2	23
45	MacDonald, Harold Alexander	Pennsylvania	do	19	9	4	17
167	Macdonald, William Ruley	New York	June 20, 1929	16	8	4	16
313	MacIntosh, Donald Ehle	Massachusetts	June 13, 1929	18	9	4	16
254	MacKenzie, Michael Vincent	do	July 15, 1929	17	11	4	16
217	Macpherson, Robert Anthony	New Mexico	June 17, 1929	19	1	4	16
*2	Madden, Robert Bowman	Pennsylvania	June 24, 1929	16	10	4	17
346	Magnell, Alfred Thomas	Connecticut	June 26, 1929	18	1	4	16
414	Magoffin, Robert Earl	Missouri	June 17, 1929	19	7	4	17
g204	Mahoney, Martin Joseph	Oklahoma	June 20, 1929	18	0	2	23
59	Majewski, Louis John	Illinois	June 13, 1929	18	6	4	12
436	Mandarich, Steve	California	June 14, 1929	18	3	4	2
225	Manning, Joseph Ignatius	Massachusetts	June 18, 1929	18	6	4	16
230	Marks, Laurence Hall	Alabama	July 1, 1929	18	3	4	17
411	Marshall, George Kossuth	Massachusetts	June 17, 1929	16	10	4	16
354	Martin, James Leo	do	July 1, 1929	17	10	4	16
250	Martineau, David Louis	Illinois	June 14, 1929	18	6	4	17
228	Masters, James Marvin, jr.	South Carolina	June 18, 1929	18	0	4	16
246	Masterton, Paul	New Jersey	July 8, 1929	17	6	4	17
440	Mathes, Samuel Rhea	Alabama	July 5, 1929	18	3	4	16

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
18.36	17.94	37.92	36.52	28.90	34.86	8.41	40.04	222.95
20.76	20.34	40.74	44.49	30.40	40.80	9.11	44.46	251.10
21.96	21.12	44.04	45.33	36.50	42.42	10.17	46.02	267.56
19.26	17.70	40.02	39.16	29.70	36.78	8.67	42.64	233.93
19.08	17.16	36.60	35.69	26.60	33.66	8.16	44.07	221.02
20.28	18.48	36.30	39.93	30.70	39.00	9.89	43.03	237.61
19.38	18.90	35.76	39.52	27.20	35.70	9.02	44.72	230.20
21.90	20.94	42.12	46.76	35.00	42.54	9.94	43.81	263.01
17.34	17.94	36.12	40.25	27.70	35.82	7.88	38.74	221.79
20.46	20.04	37.20	41.74	27.70	34.20	8.62	44.20	234.16
17.52	16.14	33.12	35.63	26.30	33.12	8.22	41.73	211.78
18.66	18.18	34.32	39.27	27.60	35.94	9.10	43.29	226.36
17.64	17.16	36.00	37.95	27.00	34.14	7.90	41.47	219.26
16.50	16.50	32.28	33.68	27.00	32.10	7.73	35.23	201.02
21.00	20.28	41.94	45.26	33.00	41.76	9.13	46.02	258.39
21.96	19.68	42.00	44.50	36.70	41.04	10.85	44.33	261.06
21.24	18.42	38.22	42.61	32.40	37.92	10.25	44.98	246.04
21.48	18.48	38.70	40.22	28.20	38.16	9.52	42.77	237.53
21.54	20.64	37.62	39.96	27.80	36.18	9.42	42.77	235.93
21.72	20.82	43.56	44.04	36.00	41.70	9.83	43.68	261.35
20.46	17.76	36.90	38.63	29.60	36.54	8.76	42.12	230.77
19.98	19.32	40.74	42.89	36.50	38.82	8.12	40.17	246.54
21.36	20.76	40.56	44.81	32.30	40.38	8.19	43.03	251.39
17.70	16.92	32.64	34.77	27.50	32.28	8.59	41.08	211.48
20.52	18.66	38.16	40.70	30.60	37.38	11.28	40.95	238.25
20.88	18.84	41.34	41.38	32.50	37.08	8.84	39.78	240.64
21.60	18.60	39.42	41.15	27.80	35.46	8.33	37.18	229.54
20.28	16.80	36.18	35.60	26.20	33.66	8.59	44.46	221.77
18.48	18.90	31.44	35.68	26.00	34.26	8.30	41.34	214.40
18.06	16.74	37.20	35.41	27.00	33.30	8.37	41.86	217.94
20.34	17.64	38.58	40.05	27.20	37.14	8.60	45.24	234.79
20.82	19.56	37.62	37.92	26.80	37.56	9.06	44.72	234.06
21.84	19.02	40.14	41.86	32.30	38.10	10.29	37.18	240.73
20.88	19.50	39.60	42.78	31.50	37.02	9.31	41.86	242.45
20.82	18.90	34.92	37.97	25.30	32.94	7.88	41.21	219.94
21.18	20.22	39.42	44.06	32.40	41.10	9.40	45.89	253.67
20.58	18.90	39.24	39.12	28.50	36.78	8.84	43.94	235.90
18.06	17.94	33.90	37.66	28.80	36.60	9.32	40.30	222.58
19.92	18.60	36.90	36.73	28.10	37.32	8.81	41.08	227.46
20.22	19.20	35.52	41.55	26.90	36.06	8.80	41.99	230.24
22.32	21.18	44.64	46.40	38.60	42.48	10.74	43.16	269.52
18.66	16.56	35.52	35.12	26.60	34.62	11.33	42.38	220.79
18.90	17.52	32.22	35.98	26.30	33.12	8.31	40.69	213.04
19.68	16.26	39.84	38.74	30.50	34.92	8.99	41.99	230.92
20.52	19.14	39.66	42.79	34.90	39.18	10.49	42.64	249.32
17.22	15.90	32.76	34.59	26.80	33.30	8.12	41.08	209.77
19.14	16.74	38.10	36.65	31.20	38.40	10.40	39.26	229.89
20.04	18.90	37.08	38.52	27.90	35.46	8.84	42.51	229.25
16.80	16.74	34.14	36.95	26.20	37.98	8.01	36.66	213.48
17.46	16.62	33.72	37.88	27.00	34.08	8.26	44.55	219.87
18.18	17.88	35.64	38.99	28.40	33.66	9.35	45.63	227.73
19.44	17.88	34.98	39.22	28.90	35.16	8.28	45.89	229.75
20.34	18.12	35.58	38.17	28.20	37.62	9.14	40.82	227.99
16.80	17.16	32.28	35.98	25.80	31.98	8.13	40.56	208.69

Merit roll of the midshipmen of the present first class (class of 1933) for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
188	Mayberry, Dale.....	Kansas.....	June 13, 1929	20	2	4	17
92	Maynard, Harry Clark.....	Massachusetts.....	July 5, 1929	18	8	4	16
182	McAfee, Robert.....	New York.....	June 24, 1929	19	4	4	17
401	McCampbell, David.....	Florida.....	July 31, 1929	19	7	4	17
259	McCormack, John Joseph, jr.....	New York.....	June 17, 1929	17	1	4	16
362	McCutchan, George Thurston.....	Indiana.....	July 5, 1929	18	7	4	16
145	McDougal, David Stockton.....	Minnesota.....	June 18, 1929	17	10	4	16
430	McEachern, Paul Theodore.....	Massachusetts.....	June 17, 1929	19	4	4	16
199	McGoughran, Joseph Christopher.....	New York.....	July 5, 1929	19	1	4	17
131	McKibbin, Hugh Robert.....	Michigan.....	July 15, 1929	18	3	4	17
317	McMaster, Fitzhugh.....	South Carolina.....	June 18, 1929	17	7	4	17
364	McMillan, Edward Bellamy.....	Michigan.....	Aug. 19, 1929	19	3	4	16
416	McMullen, Dillon Robert.....	Pennsylvania.....	July 5, 1929	19	5	4	17
195	McNenny, Wilbur James.....	South Dakota.....	June 17, 1929	17	10	4	17
184	McRae, Robert Hamilton.....	Georgia.....	June 15, 1929	17	6	4	16
395	Meneke, Kenneth Elmer.....	New York.....	July 5, 1929	20	1	4	16
284	Metze, Albert Francis.....	Indiana.....	do.....	19	0	4	16
300	Metzger, Edward Francis.....	Massachusetts.....	June 26, 1929	19	0	4	16
*7	Meyer, Bernard Henry.....	Florida.....	July 5, 1929	19	5	4	16
399	Militana, Salvatore Guiseppi.....	New York.....	June 17, 1929	20	0	4	2
331	Miller, Clayton Louis.....	Washington.....	June 14, 1929	18	5	4	16
47	Miller, Edwin Swain.....	Montana.....	June 21, 1929	18	7	4	17
314	Miller, George Harold.....	Indiana.....	June 14, 1929	17	11	4	16
*27	Mohan, Richard Lawrence.....	Massachusetts.....	July 15, 1929	18	1	4	16
429	Monroe, Henry Stone.....	do.....	June 21, 1929	19	5	3	13
82	Moore, Charles Leighton, jr.....	Georgia.....	July 5, 1929	19	2	4	16
156	Moorer, Thomas Hinman.....	Alabama.....	June 13, 1929	17	4	4	17
283	Morgan, Charles Cushman.....	Pennsylvania.....	July 9, 1929	19	3	4	16
277	Morgan, John Chapman.....	Texas.....	July 5, 1929	19	1	4	17
81	Morrow, Guy Marion.....	Illinois.....	July 6, 1929	20	1	4	16
*32	Morton, Thomas Howard.....	Missouri.....	June 15, 1929	17	3	4	16
307	Mott, William Chamberlain.....	Rhode Island.....	July 16, 1929	17	10	4	16
*22	Murphy, Gordon.....	North Dakota.....	June 17, 1929	17	1	4	17
293	Nelson, Edward Robert, jr.....	Michigan.....	July 5, 1929	18	11	4	16
*1	Neupert, Karl Frederic.....	Oregon.....	July 1, 1929	16	8	4	17
393	Neville, Lawrence Robert.....	California.....	July 15, 1929	18	2	4	17
264	Newton, Walter Hughes, jr.....	Minnesota.....	June 21, 1929	17	7	4	17
392	Norris, Thomas Edwin.....	Maryland.....	July 5, 1929	18	5	4	16
415	O'Brien, Gerald Davis.....	South Dakota.....	June 24, 1929	19	7	4	17
196	O'Connell, Thomas Paul.....	Massachusetts.....	July 1, 1929	20	1	4	17
48	Ogden, James Robinson.....	Tennessee.....	July 5, 1929	18	3	4	17
439	Ogle, John Newman.....	Indiana.....	do.....	20	1	4	3
232	Olsen, Robert Irving.....	Illinois.....	Aug. 26, 1929	19	8	4	17
178	Overton, William Arthur.....	Kansas.....	June 14, 1929	19	6	4	16
304	Palmer, Jay Talisman.....	Texas.....	Sept. 17, 1929	19	8	4	17
367	Pasche, William.....	Illinois.....	June 14, 1929	18	7	4	17
454	Pattie, Samuel Howard.....	Texas.....	June 18, 1929	19	10	1	24
443	Peckson, Alfredo.....	Philippine Islands.....	Aug. 29, 1929	19	3	4	17
328	Pelling, Albert George.....	California.....	June 28, 1929	19	2	4	17
179	Peters, Thomas Videtto.....	Nebraska.....	June 17, 1929	19	10	4	16
215	Phillips, John Lloyd, jr.....	Virginia.....	July 5, 1929	19	3	4	13
275	Pickett, Ludwell Rector, jr.....	Arkansas.....	June 14, 1929	17	8	4	3
329	Poor, Richard Longstreet.....	Louisiana.....	do.....	18	6	4	16
308	Porter, William Baxter.....	Pennsylvania.....	June 13, 1929	18	0	4	16

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aerona- utics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
20.46	18.72	38.22	38.98	27.80	35.82	8.38	45.24	233.62
20.70	18.66	38.64	39.76	33.50	38.16	10.01	43.29	242.72
20.52	19.56	38.76	39.13	27.90	37.50	8.53	42.25	234.15
17.82	16.80	34.44	35.87	25.60	32.46	8.19	44.07	215.25
21.00	17.40	38.76	37.39	27.20	35.34	9.59	40.43	227.11
17.82	17.22	37.56	38.49	26.50	33.72	8.09	40.04	219.44
21.42	19.92	38.10	40.29	28.90	37.80	10.13	40.95	237.51
17.82	16.14	34.86	35.28	26.60	32.88	8.47	38.61	210.66
18.78	18.12	36.30	39.89	29.90	36.06	9.17	43.29	231.51
20.34	18.42	37.32	42.18	30.90	36.36	8.32	45.11	238.95
19.56	18.96	33.72	37.69	26.00	32.64	8.60	45.11	222.28
16.50	17.16	32.70	37.09	27.20	36.84	9.36	42.25	219.10
19.14	16.86	33.00	38.37	26.90	35.22	8.37	34.97	212.83
20.40	17.82	37.86	39.01	28.30	35.76	8.80	44.33	232.28
20.10	18.54	38.28	38.43	28.30	35.76	8.36	46.28	234.05
19.32	17.52	33.72	37.16	26.20	32.58	8.93	40.30	215.73
19.56	18.00	35.34	38.68	27.30	36.48	8.52	41.47	225.35
21.18	17.40	40.20	36.01	25.90	34.74	9.86	38.87	224.16
22.02	20.82	44.34	46.95	35.30	42.90	8.79	45.63	266.75
18.18	16.14	35.10	36.10	27.70	33.18	9.70	39.26	215.36
19.62	17.22	34.08	37.03	26.10	36.24	9.95	41.08	221.32
21.54	20.58	39.96	43.38	32.50	39.60	9.01	46.15	252.72
19.56	16.98	35.04	37.53	25.90	33.96	8.35	45.24	222.56
21.30	20.88	41.70	47.44	34.70	41.16	9.92	41.86	258.96
18.72	16.20	33.42	34.10	26.00	32.10	8.19	41.99	210.72
21.06	20.04	36.72	42.51	33.30	39.78	8.63	42.51	244.55
19.56	18.60	38.82	41.63	29.10	37.14	8.78	42.90	236.53
19.68	18.48	36.90	38.99	27.60	35.46	8.73	39.52	225.36
18.48	18.06	36.66	38.66	28.20	34.86	8.65	42.38	225.95
21.72	19.50	38.22	41.98	29.20	39.54	8.74	45.76	244.66
21.84	20.22	44.52	42.45	32.20	40.32	10.02	46.02	257.59
19.62	17.16	35.16	37.36	27.20	36.36	8.64	41.99	223.49
20.52	19.56	43.20	44.37	37.90	43.26	8.89	42.12	259.82
20.58	18.54	35.58	38.59	27.70	35.58	8.47	39.65	224.69
22.26	21.30	45.78	48.18	37.30	43.20	9.64	44.85	272.51
20.28	17.94	35.46	34.67	25.50	31.86	9.18	40.95	215.84
19.92	17.70	40.38	38.10	30.30	34.02	8.93	37.31	226.66
18.96	16.98	34.32	36.98	26.00	34.50	8.51	39.65	215.90
17.40	17.64	32.76	35.74	26.90	34.80	7.82	39.91	212.97
19.62	18.30	38.40	40.09	28.30	35.58	9.90	41.73	231.92
21.66	19.14	43.20	42.51	34.70	40.08	9.02	42.38	252.69
18.12	16.62	31.62	35.22	26.00	33.66	8.55	39.13	208.92
19.86	18.90	35.76	41.55	27.40	34.92	8.53	42.12	229.04
20.40	18.84	38.34	38.92	30.20	36.72	8.20	43.16	234.78
20.34	18.66	32.70	37.14	26.30	37.56	9.99	40.95	223.64
18.42	16.80	35.70	36.75	28.20	35.04	8.61	39.26	218.78
16.08	16.80	31.74	35.62	26.50	31.56	8.19	37.57	204.06
16.08	16.08	31.80	35.44	26.00	32.94	10.73	38.74	207.81
18.96	17.46	33.66	37.52	27.50	34.62	8.89	42.90	221.51
20.22	19.32	35.16	40.66	28.40	36.96	8.82	44.72	234.26
21.00	17.94	36.90	36.03	30.80	35.52	9.19	43.03	230.41
20.40	17.34	38.22	37.65	27.40	36.24	8.50	40.30	226.05
19.86	17.70	37.14	36.73	25.00	33.72	9.12	42.12	221.39
20.76	18.30	34.08	35.80	28.20	34.44	8.31	43.42	223.31

Merit roll of the midshipmen of the present first class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
365	Powell, Isthmian Lovoya.....	Alabama.....	June 26, 1929	19	5	4	3
206	Pratt, William Veazie, 2d.....	At large (Pres.)....	June 13, 1929	17	0	4	3
226	Pray, Ralph Marble.....	California.....	June 28, 1929	19	2	4	3
234	Price, George Marvin.....	Florida.....	June 13, 1929	17	6	4	17
202	Prueher, Bertram Joseph.....	Wisconsin.....	July 1, 1929	16	10	4	17
74	Purdy, Frederick Warren.....	Florida.....	June 13, 1929	17	6	4	16
338	Pyle, Randolph Grant.....	Idaho.....	June 14, 1929	17	8	4	17
433	Rakow, William Magnus.....	Iowa.....	June 20, 1929	18	4	4	17
80	Ramee, John.....	North Dakota.....	June 28, 1929	17	7	4	17
*11	Raymond, Reginald Marbury.....	Louisiana.....	June 15, 1929	17	1	4	17
86	Reday, Joseph Zoltan, jr.....	Massachusetts.....	July 15, 1929	17	9	4	16
312	Reedy, James Robert.....	Ohio.....	July 11, 1929	19	1	4	3
240	Rhea, Edward Sumpter, jr.....	Kentucky.....	June 22, 1929	18	9	4	16
65	Richards, Gilbert Benson.....	Illinois.....	July 5, 1929	18	1	4	16
172	Riddell, Robert Southgate.....	New York.....	July 8, 1929	18	3	4	16
213	Robbins, Charles Bradford.....	Hawaii.....	July 1, 1929	17	10	4	17
161	Robertson, Charles Edward.....	New York.....	June 17, 1929	19	4	4	16
g406	Robison, Clifford Ellsworth.....	New Mexico.....	July 2, 1929	19	8	2	23
233	Rockwell, James.....	Porto Rico.....	June 20, 1929	18	3	4	4
*9	Roe, Jack Willhoit.....	Iowa.....do.....	do.....	18	0	4	16
243	Roullard, George Dee.....	Idaho.....	June 14, 1929	19	0	4	16
330	Rowe, Hilary Cecil.....	Maryland.....	July 5, 1929	19	11	4	16
212	Ruble, Harold Eustace.....	Minnesota.....	June 23, 1928	19	9	4	18
403	Rucker, Eldred Benson.....	South Dakota.....	June 19, 1929	19	10	4	17
*21	Rumble, Henry Peterson.....	New Jersey.....	July 15, 1929	17	7	4	16
*30	Russell, Baxter Leon.....	Arkansas.....	June 14, 1929	18	9	4	16
127	Ryan, Albert Francis, jr.....	New York.....	June 17, 1929	19	0	4	17
445	Samuels, Nelson Tindall.....	Maryland.....	June 21, 1929	19	8	4	3
130	Santmyers, Selby Krauss.....	Delaware.....do.....	do.....	18	2	4	16
127	Sargent, Ralph Nelson, jr.....	New Jersey.....	June 13, 1929	18	9	4	16
194	Schade, Arnold Frederic.....	Connecticut.....	July 8, 1929	17	4	4	16
192	Schmid, Henry Edward.....	Washington.....	June 28, 1929	19	11	4	17
54	Schmid, Wallace Andrew.....	do.....do.....	do.....	19	0	4	17
315	Schneider, Earle Caffrey.....	At large (Pres.)....	Aug. 19, 1929	17	7	4	16
89	Schwartz, Frank Dewey.....	Kansas.....	June 14, 1929	18	7	4	17
255	Seagroves, Everett Edgar.....	Georgia.....	July 5, 1929	19	10	4	16
261	Searcy, Seth Shepard, jr.....	Texas.....	June 22, 1929	18	3	4	16
404	Seipt, William Edward.....	Maryland.....	June 21, 1929	19	11	4	16
417	Selby, Frank Gordon.....	Iowa.....	June 14, 1929	18	10	4	16
347	Shafer, William Edward.....	Ohio.....	July 22, 1929	18	0	4	17
133	Shannon, John.....	New Jersey.....do.....	do.....	17	7	4	16
339	Shaul, Donald Robert.....	California.....	July 16, 1929	20	2	4	17
*23	Shea, Thomas Vandermeer.....	Wisconsin.....	June 18, 1929	16	11	4	16
197	Shelby, Edward Ellis.....	Texas.....do.....	do.....	18	10	4	17
142	Shellabarger, Martin Adams.....	Colorado.....	June 14, 1929	19	0	4	3
159	Shepherd, Albert Lee.....	Maine.....	June 20, 1929	19	1	4	16
258	Sheppard, Frederick William.....	Oregon.....	June 25, 1929	19	2	4	17
442	Sherman, Philip Kingsland, jr.....	Vermont.....	June 18, 1929	19	8	4	16
60	Shifley, Ralph Louis.....	Illinois.....	June 13, 1929	18	8	4	16
73	Shook, Kenneth Sydney.....	Pennsylvania.....	June 19, 1929	18	11	4	16
453	Shuffle, Edwin, jr.....	West Virginia.....	July 1, 1929	19	3	4	16
271	Slater, Frank Marcel.....	Massachusetts.....	June 13, 1929	18	0	4	16
387	Slayton, Morgan.....	New York.....	July 1, 1929	18	0	4	17
276	Smedley, Francis Joseph.....	Pennsylvania.....	June 19, 1929	19	3	4	3

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engine- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
18.78	16.74	32.94	37.62	28.70	33.96	8.27	41.99	219.00
20.64	18.42	37.68	40.07	27.30	34.80	8.54	43.42	230.87
20.16	18.72	36.72	39.54	26.40	34.98	9.28	44.07	229.87
20.76	18.24	36.54	38.24	29.90	35.82	8.42	40.69	228.61
19.14	18.60	36.66	39.13	28.70	36.18	8.28	44.59	231.28
21.84	20.04	41.16	41.86	31.30	36.84	8.71	44.33	246.08
20.04	16.80	34.98	38.69	26.10	33.30	9.07	42.12	221.10
16.92	15.90	33.72	36.20	26.00	33.72	9.66	37.96	210.08
21.30	19.44	39.30	41.74	31.50	40.32	9.05	42.12	244.77
22.20	20.22	44.04	45.93	37.00	42.48	10.40	42.77	265.04
21.06	19.20	40.14	41.08	33.50	37.62	9.37	41.34	243.31
17.40	17.70	35.94	35.83	26.50	34.98	9.73	44.85	222.73
20.16	19.32	35.88	38.99	27.30	35.04	8.15	43.42	228.26
21.30	20.22	41.82	42.58	31.80	37.32	8.86	43.42	247.32
20.82	19.26	40.56	38.77	32.90	36.54	9.48	36.79	235.12
20.58	18.00	37.44	38.08	28.00	35.16	8.60	44.59	230.45
21.30	18.42	40.62	39.12	28.00	37.08	9.03	42.64	236.21
19.98	16.74	33.84	35.29	25.10	32.34	9.07	42.25	214.61
20.76	18.84	34.38	39.72	26.90	36.36	10.62	41.08	228.66
22.50	21.30	42.48	48.09	34.20	42.36	9.85	45.11	265.89
20.40	18.06	36.72	37.41	29.50	34.50	8.47	43.16	228.22
19.20	18.66	34.86	37.19	25.90	34.92	8.62	41.99	221.34
19.62	18.78	37.50	40.07	30.40	36.78	8.71	38.61	230.47
17.22	17.22	32.28	34.89	26.40	34.32	8.33	44.33	214.99
22.14	20.88	43.14	43.63	34.70	41.40	9.62	44.46	259.97
21.30	20.28	42.90	44.20	34.80	41.76	8.80	43.68	257.72
18.90	18.36	40.44	39.69	30.00	38.94	9.18	43.94	239.45
16.74	16.32	31.68	34.51	26.30	32.76	8.30	40.30	206.91
20.22	18.78	39.72	41.08	26.60	38.58	9.26	44.98	239.22
21.48	19.44	37.80	42.74	28.50	38.46	8.23	42.77	239.42
20.82	18.84	38.82	38.72	28.80	35.58	9.27	41.86	232.71
19.56	18.00	38.64	39.87	26.50	36.00	10.96	43.29	232.82
20.94	19.62	40.38	42.51	31.90	39.18	10.52	44.98	250.03
19.26	18.12	33.42	36.07	28.70	35.22	8.56	43.03	222.38
21.48	19.86	37.80	40.39	33.30	39.24	9.00	41.86	242.93
20.10	16.32	34.26	39.40	28.40	35.46	10.03	43.42	227.39
19.02	19.80	35.16	37.98	26.40	34.80	8.70	45.11	226.97
18.42	17.52	34.20	35.14	27.70	34.44	8.47	38.87	214.76
19.08	16.86	33.72	38.05	27.60	33.84	8.43	35.23	212.81
20.10	17.52	35.34	37.63	25.90	33.60	10.25	40.17	220.51
21.54	18.48	38.70	38.62	28.00	37.50	9.92	46.02	238.78
18.30	18.00	34.86	37.29	28.50	33.48	8.79	41.86	221.08
22.20	20.34	43.44	44.74	36.80	42.06	9.67	40.04	259.29
19.56	19.38	37.14	38.31	28.70	39.24	7.88	41.60	231.81
19.32	18.78	37.80	39.86	29.80	36.24	9.90	46.02	237.72
21.12	19.68	34.68	40.42	29.20	39.00	9.26	42.90	236.26
19.02	17.16	38.82	37.79	26.50	33.78	9.07	44.98	227.12
16.44	16.80	32.10	34.64	25.00	32.94	7.82	42.64	208.38
21.48	20.22	40.32	44.62	29.10	40.74	8.30	44.33	249.11
29.04	18.60	38.46	39.47	29.90	36.54	8.30	45.89	246.20
16.38	16.80	31.98	34.69	25.80	32.10	8.27	39.13	205.15
19.80	18.84	36.42	38.55	26.70	36.60	9.14	40.17	226.22
17.70	16.56	32.76	36.68	27.30	31.80	9.61	43.94	216.35
19.38	18.36	36.84	37.32	27.60	34.98	9.82	41.73	226.03

Merit roll of the midshipmen of the present first class (class of 1933) for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
259	Smith, James Arthur	Missouri	Aug. 26, 1929	18	6	4	17
105	Smith, Kerfoot Bainbridge	Ohio	July 5, 1929	18	9	4	16
302	Snider, Lewis Levi	South Dakota	July 22, 1929	19	1	4	16
*26	Solier, Robert Harris	Ohio	June 18, 1929	19	6	4	16
*37	Sowerwine, Owen Evans	New Jersey	June 17, 1929	16	11	4	17
86	Spahr, Otto William, jr.	South Carolina	June 18, 1929	18	8	4	16
381	Springer, Clarence Norris	Michigan	July 25, 1929	20	4	4	16
*39	Stahl, Paul Ludwig	Connecticut	June 14, 1929	17	7	4	16
366	Staley, Poyntell Caldcleugh, jr.	Rhode Island	July 1, 1929	19	4	4	16
396	Stanley, Reuben Elliott	Wisconsin	June 21, 1929	20	1	4	16
304	Steel, Charles Louis	Oklahoma	June 18, 1929	18	11	4	17
214	Steinbeck, John Macauley	Massachusetts	July 5, 1929	18	10	4	16
449	Stephan, David Richard	Minnesota	July 1, 1929	18	7	4	17
247	Stephens, Milton George	California	June 28, 1929	18	4	4	17
343	Stephenson, George Mills	Ohio	June 19, 1929	18	4	4	16
*31	Stevens, John Paul	Texas	June 20, 1929	17	3	4	17
219	Stevens, Lemuel Mussetter, jr.	At large (Pres.)	June 13, 1929	17	1	4	16
242	Stewart, John Wesley	Pennsylvania	June 24, 1929	18	4	4	17
438	St. Germain, Raymond John	Louisiana	June 14, 1929	18	7	4	16
53	Stocker, Louis John	Missouri	June 17, 1929	17	0	4	17
158	Strean, Bernard Max	Indiana	June 22, 1929	18	6	4	16
42	Strozier, Henry Harvey	Georgia	June 24, 1929	17	7	4	16
441	Stuart, John McCreery	Kentucky	Aug. 26, 1929	19	10	4	16
221	Sturr, Henry Dixon	Michigan	July 9, 1928	18	5	7	11
299	Styles, Ralph Emerson	North Carolina	June 17, 1929	19	4	4	16
231	Sublette, William Harold	Colorado	June 26, 1929	19	9	4	17
408	Taylor, Rufus Lackland	Missouri	Aug. 26, 1929	19	8	4	17
337	Tellefsen, Carl Robert	Minnesota	Sept. 5, 1929	20	0	4	17
111	Temple, Edward Arthur	Texas	June 13, 1929	17	9	4	3
139	Thomas, Millener Weaver	Pennsylvania	June 24, 1929	18	1	4	17
*4	Thompson, Raymond Webb, jr.	Maryland	July 1, 1929	18	4	2	23
238	Thorn, Benjamin Franklin	West Virginia	June 21, 1929	17	5	4	17
174	Tiedeman, Carl	Iowa	June 14, 1929	18	1	4	17
382	Tinker, Frank Glasgow	Arkansas	June 28, 1929	19	11	4	16
129	Tinker, Malcolm Hoagland	Pennsylvania	June 20, 1929	19	11	4	17
104	Titus, Jack Clarence	California	do	19	9	4	17
294	Todd, Ashford, jr.	Alabama	June 14, 1928	17	5	4	16
*25	Tomamichel, Jack Jones	Nevada	June 28, 1929	18	7	4	16
377	Travis, Charles William	Tennessee	July 23, 1929	17	4	4	16
46	Tucker, James Francis	Connecticut	July 5, 1929	19	0	4	17
187	Turnage, Theodore Carlyle, jr.	North Carolina	June 13, 1929	17	9	4	16
44	Turner, Vernon Clark	Texas	June 18, 1929	17	9	4	17
112	Twigg, Donald Whitman	At large (Pres.)	June 24, 1929	18	7	4	17
154	Tyler, Marshall Alvin	Rhode Island	July 11, 1929	18	10	4	2
79	Tyree, John Augustine, jr.	Virginia	June 18, 1929	17	9	4	3
394	Unmacht, George Paul	Illinois	June 14, 1929	16	9	3	13
437	Vaillancourt, Maurice Lesieur	New Hampshire	June 18, 1928	19	0	4	16
41	Van Meter, William Joseph, jr.	Kansas	June 14, 1929	19	4	4	16
203	Vaughan, James John	Illinois	June 26, 1929	19	0	4	17
56	Vogele, Theodore Robert	Pennsylvania	June 13, 1929	20	0	4	17
383	Von Weller, Harold John	Georgia	Aug. 26, 1929	19	8	4	17
345	Von Woglom, Louis Ethan	West Virginia	June 21, 1928	18	9	7	11
83	Wade, Sidney Scott	Illinois	July 6, 1929	19	9	4	17
78	Wagstaff, Ruben Eli	Utah	June 28, 1929	20	1	4	17

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engineer- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
18.54	16.86	37.08	38.98	28.90	34.26	8.42	44.07	227.11
20.94	18.84	38.82	41.76	29.80	37.32	8.91	44.46	240.85
17.53	18.42	36.48	38.78	29.60	34.74	8.35	39.91	223.86
21.18	20.82	43.20	45.48	33.30	40.20	9.43	45.37	258.98
21.60	19.74	43.50	43.44	33.70	40.98	10.19	43.42	256.57
20.40	19.92	39.06	40.82	33.20	39.24	8.55	42.12	243.31
18.00	18.48	32.64	37.38	26.10	34.20	8.73	41.73	217.26
22.26	20.10	39.60	43.91	32.60	41.64	9.58	45.50	255.19
19.20	18.54	32.52	36.28	27.90	35.52	8.27	40.56	218.79
19.62	17.22	32.58	37.06	25.60	32.58	8.36	42.64	215.66
18.72	17.16	35.64	36.80	29.60	36.60	8.17	40.95	223.64
20.64	19.50	36.06	38.99	29.30	36.00	8.48	41.47	230.44
16.56	16.56	32.22	36.37	26.00	32.16	8.19	38.09	206.15
20.04	18.54	36.42	37.73	28.50	36.72	8.93	40.95	227.83
19.80	18.48	37.14	35.38	25.80	34.92	8.41	40.95	220.88
21.54	21.30	44.10	44.82	33.80	39.72	9.84	42.51	257.63
20.64	20.10	35.76	36.95	27.20	35.88	9.33	44.33	230.19
19.98	18.66	37.86	38.55	28.10	34.56	9.19	41.34	228.24
19.08	16.26	31.56	34.79	25.90	32.04	8.65	41.21	209.49
21.78	19.80	39.96	42.65	31.10	40.68	10.18	44.85	251.00
19.38	17.64	40.68	40.66	27.60	37.38	8.51	44.46	236.31
20.88	21.12	40.38	46.89	34.50	41.76	7.95	40.95	254.43
16.86	16.62	33.30	34.86	25.50	32.04	8.69	40.56	208.43
20.52	18.60	35.16	39.68	29.50	36.72	8.91	40.95	230.04
18.12	17.76	40.08	36.62	30.20	34.44	7.87	39.13	224.22
19.80	18.78	36.30	39.35	28.80	36.66	8.36	41.08	229.13
19.32	17.70	32.94	37.12	26.80	33.12	9.37	37.83	214.20
17.70	17.88	36.36	37.13	26.70	33.30	9.40	42.64	221.11
20.58	18.00	39.90	40.51	30.50	36.24	9.11	45.50	240.34
20.46	18.48	40.26	38.40	31.20	35.88	10.04	43.29	238.01
20.70	21.06	43.38	47.66	36.10	42.78	10.13	46.41	268.22
17.34	17.34	39.18	38.48	31.40	33.24	9.31	42.12	228.41
19.14	17.52	39.48	40.47	28.50	37.74	8.46	43.55	234.86
19.44	17.10	34.62	36.12	27.10	33.96	8.35	40.56	217.25
21.18	18.90	37.80	40.26	30.30	34.74	9.45	46.67	239.30
20.16	18.78	40.68	41.60	31.30	40.02	8.37	40.43	241.34
19.38	18.66	35.04	39.20	25.00	35.46	8.48	43.29	224.51
22.32	20.94	41.70	44.20	35.90	41.04	10.00	42.90	259.00
18.48	18.60	32.34	38.12	26.50	35.10	8.71	40.17	218.02
21.48	19.86	41.40	44.38	33.80	41.64	9.74	40.43	252.73
19.50	19.38	37.50	37.61	31.50	36.66	8.97	42.51	233.63
20.76	19.62	41.40	45.07	33.40	40.20	9.59	43.81	253.84
20.34	17.70	39.72	39.30	33.50	38.16	9.45	42.12	240.29
19.20	18.30	39.42	38.65	32.40	36.60	9.15	42.90	236.62
21.36	19.86	38.82	42.40	30.70	37.32	9.00	45.50	244.96
18.72	16.86	32.10	37.32	26.60	33.12	8.56	42.51	215.79
17.34	16.68	33.30	34.92	27.10	33.18	8.70	38.48	209.70
21.06	20.46	41.58	44.08	33.50	41.58	9.71	42.90	254.87
20.58	18.30	37.68	39.18	26.70	36.90	8.86	42.77	230.97
21.78	20.58	42.00	41.59	31.20	38.94	9.01	44.46	249.56
18.54	17.04	33.42	36.39	26.20	35.76	8.83	40.95	217.13
20.64	17.94	35.28	35.54	27.00	31.92	10.02	42.51	220.85
21.12	19.20	39.12	42.68	29.90	38.34	9.19	44.72	244.27
21.00	19.86	38.64	41.70	29.50	40.32	8.80	45.37	245.19

Merit roll of the midshipmen of the present first class (class of 1933), for

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission		Sea service in practice ships	
				Years	Months	Months	Days
155	Wahlig, Frederick Henry.....	Connecticut.....	June 13, 1929	18	11	4	16
114	Wallace, Paul Eugene.....	Washington.....	July 6, 1929	19	11	4	17
320	Walsh, Edward Cornelius.....	North Dakota.....	June 20, 1929	17	2	4	17
380	Walsh, John Edward, jr.....	Pennsylvania.....	Aug. 26, 1929	18	5	4	17
448	Walsh, James Warren.....	Massachusetts.....	June 17, 1929	18	2	4	16
72	Ward, Thomas Harrison.....	North Carolina.....	July 1, 1929	18	8	4	16
391	Watkins, Robert E.....	Wyoming.....	June 20, 1929	20	0	4	17
326	Weeks, John Bradford.....	Pennsylvania.....	June 21, 1929	16	7	3	13
387	Weikel, Karl Frederick.....	Maryland.....	June 17, 1929	18	9	4	16
95	Weintraub, Paul Lawrence, jr.....	Pennsylvania.....	June 19, 1929	18	7	4	16
125	Wendelburg, George.....	Wisconsin.....	July 2, 1929	18	1	4	17
77	Wendt, Waldemar Frederick August.....	do.....	July 5, 1929	17	4	3	13
341	Wentz, Ned James.....	Colorado.....	June 28, 1929	19	6	4	17
342	White, Clarence Marbury, jr.....	Maryland.....	June 28, 1928	18	4	4	16
295	White, Donald Elliot.....	New Jersey.....	June 17, 1929	17	10	2	23
152	White, James Wilbur.....	Alabama.....	Aug. 26, 1929	19	1	4	16
374	White, Laurence Adams.....	California.....	June 28, 1929	19	7	4	2
68	White, Richard Daniel.....	Ohio.....	June 17, 1929	17	3	4	17
101	Wiggin, Bruce Eastman.....	New Hampshire.....	do.....	19	8	4	16
136	Williams, Joseph Warford, jr.....	Indiana.....	June 21, 1929	18	0	4	17
279	Winston, Philip Wallace.....	West Virginia.....	June 18, 1929	18	2	4	16
170	Wright, Archie Taylor, jr.....	Texas.....	July 9, 1929	17	8	4	17
278	Wright, Gerald Roland.....	Kentucky.....	June 20, 1929	19	6	4	17
*14	Yost, Herbert Carl.....	Kansas.....	June 28, 1929	19	11	4	3
368	Zimmerman, Raymond Paul.....	do.....	June 14, 1929	19	6	4	16

the third year of their academic course, 456 members, June, 1932—Continued

Seaman- ship and flight tactics	Ordnance and gunnery	Nav- igation	Engine- ing and aeronau- tics	Mathe- matics	Electri- cal engineer- ing and physics	Lan- guages	Aptitude for service	Aggre- gate, third year
Maximum								
24	24	48	52	40	48	12	52	300
20.16	19.50	35.76	41.31	29.20	37.08	9.99	43.55	236.55
19.56	17.76	38.88	40.89	31.70	37.02	9.91	44.46	240.18
17.70	18.18	34.62	37.90	27.50	35.40	8.92	41.60	221.32
17.88	16.80	34.32	34.96	26.70	32.94	9.77	44.20	217.57
17.94	16.86	32.82	34.75	26.20	33.30	8.42	36.01	206.30
20.64	18.72	41.94	42.27	31.90	38.64	8.64	43.55	246.30
17.04	17.76	33.54	37.10	27.90	34.02	9.09	39.78	216.23
19.98	18.54	34.62	37.05	27.00	34.20	8.27	41.99	221.65
19.50	17.76	33.42	35.16	26.20	35.16	8.72	40.43	216.35
21.30	20.76	37.86	39.14	31.40	38.76	8.14	44.98	242.34
21.60	18.60	37.50	39.28	30.30	38.04	10.15	44.07	239.54
21.90	19.14	39.36	42.20	28.30	38.40	10.80	45.24	245.34
20.58	18.12	35.94	36.91	26.20	35.22	8.45	39.52	220.94
17.82	17.64	38.10	35.22	29.20	33.12	8.33	41.47	220.90
19.98	17.82	36.96	38.50	29.50	36.54	9.18	36.01	224.49
19.08	18.66	38.10	39.27	30.10	38.46	9.11	43.94	236.72
18.48	17.16	36.18	34.86	27.30	32.82	8.31	43.03	218.14
21.42	18.12	38.64	43.00	30.40	38.04	10.13	46.93	246.68
21.48	19.08	37.02	41.54	30.90	38.16	8.89	44.72	241.79
19.50	19.32	38.58	40.52	32.10	37.68	8.79	42.12	238.61
20.82	17.94	36.60	37.14	27.70	33.84	8.40	43.42	225.86
18.72	18.00	37.02	37.10	37.40	34.38	8.87	43.81	235.30
18.54	18.00	36.54	38.35	28.70	34.38	8.47	42.90	225.88
22.50	20.82	40.74	44.97	35.50	42.96	9.61	46.02	263.12
20.28	18.00	34.32	38.24	26.70	36.18	8.88	36.14	218.74

Merit roll of the midshipmen of the present second class (class of 1934),

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
272	Abrahamson, Raymond Leonard.....	Maine.....	June 12, 1930	19	4
157	Adams, Parks Madden.....	California.....	June 25, 1930	19	10
45	Adams, Spencer Moore.....	Florida.....	June 27, 1930	18	2
207	Ahlbrandt, Roger Sheridan.....	Ohio.....	July 7, 1930	18	3
49	Akeroyd, Richard George.....	Texas.....	June 17, 1930	18	5
325	Alexander, Joe McKnitt.....	North Carolina.....	June 19, 1930	18	9
342	Allen, Russell Bowes.....	Massachusetts.....	June 26, 1929	19	5
179	Ambrrose, Dennison Cooke.....	Idaho.....	June 18, 1930	17	8
113	Anderson, Howard Thomas Ewing.....	Minnesota.....	June 17, 1930	18	0
274	Antoniak, Charles.....	New York.....	June 27, 1930	18	6
340	Arnold, Jackson Dominick.....	South Carolina.....	June 20, 1930	17	8
357	Artz, George Edwin.....	Virginia.....	June 19, 1930	18	7
286	Ashley, James Henry, jr.....	Florida.....	June 27, 1930	19	4
90	Atkinson, Archibald Hunt.....	Oregon.....	June 16, 1930	19	6
66	Auld, Frank Willard.....	Maryland.....	July 2, 1930	17	1
296	Avise, John Ellsworth.....	Iowa.....	June 16, 1930	17	8
220	Ayer, Donald Holman.....	Maine.....	July 14, 1930	18	3
414	Babb, James Dunnington.....	West Virginia.....	June 20, 1930	18	11
403	Bailey, Claude Penn.....	Mississippi.....	Sept. 23, 1930	19	10
468	Bailey, Wendell Ernest.....	North Dakota.....	Aug. 25, 1930	19	1
89	Bain, Willard Jackson.....	Iowa.....	June 16, 1930	18	3
441	Baker, Maury Davison, jr.....	At large (Pres.).....	July 1, 1930	17	11
*11	Baranowski, Walter Eugene.....	Wisconsin.....	June 30, 1930	18	11
4486	Barner, Richard Long.....	Iowa.....	June 16, 1930	19	0
266	Barr, Eric Lloyd, jr.....	Connecticut.....	June 19, 1930	18	2
24	Batcheller, Edgar Hadley.....	Oregon.....	do.....	20	2
33	Bathke, Ernest Siewert.....	Wisconsin.....	June 17, 1930	19	5
28	Bauer, Edward George.....	Minnesota.....	June 19, 1930	19	7
201	Baumberger, Walter Harlen.....	West Virginia.....	June 23, 1930	18	5
485	Beardslee, William Walter.....	Michigan.....	Aug. 25, 1930	20	3
233	Becht, Lawrence Robert.....	do.....	July 24, 1930	19	7
59	Becker, Albert Lilly.....	Mississippi.....	June 23, 1930	18	7
311	Becker, Charles Henry.....	Virginia.....	June 18, 1930	18	11
230	Benedict, Arthur Lewis, jr.....	At large (Pres.).....	June 12, 1930	18	1
320	Bengston, Robert Carl.....	Illinois.....	June 27, 1930	19	7
374	Bentley, James Calvin.....	Michigan.....	June 13, 1930	18	7
477	Bertholf, Charles Marriner.....	California.....	June 19, 1930	17	6
20	Biard, Forrest Rosecrans.....	Texas.....	do.....	17	6
182	Bingham, James Truman.....	Kentucky.....	June 16, 1930	19	7
434	Birthisel, Lawrence Hale, jr.....	Texas.....	June 18, 1930	17	10
460	Biwerse, Denis Harry.....	Wisconsin.....	June 19, 1930	18	1
361	Blackford, Max.....	West Virginia.....	June 27, 1930	19	9
200	Blakely, Edward Noe.....	Pennsylvania.....	June 30, 1930	18	1
162	Blanchard, Richard Sawyer.....	New Hampshire.....	July 14, 1930	17	8
177	Blenman, Charles, jr.....	Arizona.....	June 12, 1930	19	0
190	Bly, Richard Eugene.....	Texas.....	June 16, 1930	20	2
231	Bolles, Frank Crandall, jr.....	Wyoming.....	June 20, 1929	19	5
185	Bond, George Hastings.....	Pennsylvania.....	July 17, 1930	17	3
413	Bourke, Robert Emmet.....	New Jersey.....	June 30, 1930	18	6
116	Boutelle, Richard Roome.....	Pennsylvania.....	June 28, 1930	16	5
326	Boyle, Francis Dennis.....	Washington.....	June 30, 1930	19	11
253	Bradbard, Samuel.....	New Hampshire.....	June 27, 1930	19	4
167 1/2	Bradley, Francis Dean.....	Nevada.....	June 17, 1930	18	10
130	Brewer, Charles Walter.....	Oklahoma.....	June 18, 1930	19	2

for the second year of their academic course, 497 members, June, 1932

Sea service in practice ships		Engineer- ing and aeronau- tics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for serv- ice	Aggre- gate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	20.12	37.45	22.92	23.48	18.87	23.87	146.71
2	21	22.23	40.25	24.54	24.48	19.20	22.68	153.38
2	21	23.84	45.22	26.28	25.04	20.25	23.87	164.50
2	21	21.72	40.53	23.28	22.64	17.01	25.06	150.24
2	21	24.66	46.13	26.44	24.44	17.58	24.01	163.26
2	21	20.28	39.20	22.44	24.52	15.75	22.19	144.38
5	14	19.77	38.36	23.48	22.28	15.30	24.57	143.76
2	21	21.38	39.83	23.92	25.20	19.77	22.05	152.15
2	21	21.98	40.88	26.48	24.92	18.57	24.29	157.12
2	21	22.65	38.64	23.48	22.32	16.65	22.89	146.63
2	21	21.75	35.91	22.12	23.08	15.78	25.13	143.77
2	21	20.81	40.46	23.40	21.60	16.41	20.65	143.33
2	21	20.41	39.20	23.12	23.36	17.28	22.54	145.91
2	21	24.45	44.24	25.92	24.36	17.10	22.89	158.96
2	21	23.40	47.04	25.92	24.28	17.40	22.96	161.00
2	21	20.67	40.46	22.40	20.80	15.99	25.20	145.52
2	21	20.09	38.71	23.68	24.28	19.92	22.75	149.43
2	21	20.94	35.98	21.36	23.60	15.81	22.61	140.30
2	21	21.24	37.24	21.48	22.32	15.75	22.96	140.99
2	21	19.45	35.49	21.00	21.12	15.90	22.96	135.92
2	21	23.03	44.24	26.48	24.88	17.52	22.82	158.97
2	9	19.00	38.15	20.88	22.80	16.59	21.28	138.70
2	21	24.90	49.35	28.04	27.08	20.22	22.75	172.34
2	21	18.29	34.58	20.60	21.36	15.66	21.63	132.12
2	21	19.83	37.87	24.16	23.08	18.42	23.80	147.16
2	21	23.96	46.90	27.56	26.56	19.29	23.52	167.79
2	21	24.82	46.34	25.88	25.28	19.98	24.36	166.66
2	21	23.00	48.16	26.64	25.68	18.72	24.78	166.98
2	13	21.27	39.41	23.12	24.88	17.49	24.64	150.81
2	21	18.31	35.00	20.44	20.52	15.81	22.47	132.55
2	13	20.88	40.11	22.64	23.44	17.70	24.08	148.85
2	21	22.41	46.34	27.44	24.92	17.04	23.66	161.81
2	21	20.07	36.75	22.88	24.44	17.55	23.10	144.79
2	21	20.92	37.87	23.32	25.36	18.03	23.45	148.95
2	21	18.73	37.73	22.88	23.04	19.44	22.68	144.50
2	13	20.56	37.52	22.00	23.08	17.64	21.98	142.78
2	21	18.64	36.82	21.08	21.84	16.08	20.02	134.48
2	21	23.42	48.44	27.68	26.64	19.41	23.38	168.97
2	21	22.05	38.99	22.96	25.56	18.75	23.52	151.83
2	21	20.53	36.61	21.56	23.16	15.36	21.91	139.13
2	21	18.64	36.61	21.08	21.44	15.99	22.82	136.58
2	21	20.17	38.92	23.04	22.12	16.02	22.96	143.23
2	21	21.37	40.04	23.64	24.40	18.27	23.10	150.82
2	21	21.81	41.09	23.04	24.28	19.08	23.87	153.17
2	21	22.38	40.04	23.84	23.44	19.02	23.52	152.24
2	21	21.37	40.67	22.84	24.84	20.22	21.56	151.50
5	14	20.13	38.71	22.88	23.44	19.56	24.22	148.94
2	21	22.83	42.00	23.72	24.32	16.95	21.84	151.66
2	21	18.00	38.22	22.04	23.12	16.47	22.47	140.32
2	21	22.48	42.28	26.08	24.88	18.36	22.82	156.90
2	21	18.90	37.24	21.84	23.76	18.60	24.01	144.35
2	21	19.88	36.96	23.56	25.32	18.87	23.24	147.83
2	21	21.15	41.86	23.76	23.40	19.89	22.61	152.67
2	21	22.01	42.63	24.52	23.60	18.09	24.43	155.28

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
77	Brinker, Robert Marion	Illinois	Sept. 2, 1930	20	0
355	Brock, James Ward	New Jersey	July 1, 1930	19	2
54	Brockett, William Alden	Connecticut	June 20, 1930	16	4
140	Bromley, John Richard	Rhode Island	June 30, 1930	17	3
53	Brooks, William Born	Texas	June 12, 1930	17	0
229	Brown, Samuel Robbins, jr.	New York	Aug. 15, 1930	17	3
21	Browne, George Henry	do	July 1, 1930	18	7
60	Bruchez, Ernest Valentine	Louisiana	June 13, 1930	19	11
172	Bullen, George Scruggs	do	June 17, 1930	19	0
65	Bullen, Jacob Thompson, jr.	do	do	19	0
86	Bunevich, Irving	New Jersey	June 17, 1929	17	11
307	Buse, Henry William, jr.	Pennsylvania	July 7, 1930	18	3
137	Butler, John Augustus	Louisiana	June 19, 1930	19	9
385	Butterworth, Christy Clair	Arkansas	June 16, 1930	17	9
420	Caldwell, Clyde Graham	Georgia	June 23, 1930	18	5
348	Calhoun, William Lowndes, jr.	Florida	June 19, 1930	18	2
29	Callister, Thomas Kenneth	Utah	Aug. 7, 1930	18	4
400	Campbell, Harold William, jr.	West Virginia	Aug. 25, 1930	18	2
239	Canon, Robert Henry	Mississippi	June 17, 1930	17	8
408	Carroll, Herbert Fuller, jr.	North Carolina	June 19, 1930	18	9
454	Carter, Joseph Coleman, jr.	Kentucky	July 14, 1930	19	10
227	Casey, Kendall	Arkansas	June 18, 1930	17	6
*15	Cassidy, William Francis	Texas	June 28, 1930	19	1
57	Chambers, Lester Smith	Alabama	July 8, 1929	17	5
370	Champlin, Malcolm McGregor	California	June 19, 1930	19	0
328	Chandler, Robert Alexander	South Carolina	July 14, 1930	17	7
391	Cheney, Wilbur Haines, jr.	Kansas	June 16, 1930	18	2
96	Christensen, Ernest Edward	At large (Pres.)	June 12, 1930	16	10
471	Chung-Hoon, Gordon Palea	Hawaii	June 16, 1930	19	11
115	Church, William Campbell Gibson	Idaho	June 19, 1930	16	10
305	Clarey, Bernard Ambrose	Iowa	July 14, 1930	18	2
139	Clark, Charles Hoffman	Maryland	July 7, 1930	19	4
389	Clark, Clayton Smith	Pennsylvania	July 21, 1930	19	7
398	Clark, Lawrence Bonner	North Carolina	June 17, 1930	17	8
219	Clifford, George Moore	Virginia	June 18, 1930	18	3
149	Close, Robert Hamilton	New York	June 25, 1930	17	3
390	Cloud, Alexander Benson	do	June 19, 1930	18	7
202	Clute, James Maurice	do	June 18, 1930	19	8
451½	Coen, Carlton Benjamin	Pennsylvania	June 23, 1930	19	3
439	Coffin, Albert Peyton	Indiana	June 17, 1930	18	8
247	Cole, Allyn, jr.	Colorado	June 19, 1930	18	1
450	Cole, Harold Elwood	Pennsylvania	June 18, 1930	19	7
146	Coleman, Wilson McConnell	Alabama	June 16, 1930	18	4
464	Coley, Charles Coston	Oklahoma	June 18, 1930	19	1
323	Collins, William Magill, jr.	Wisconsin	July 10, 1930	18	11
93	Compton, James Richard	Missouri	June 13, 1930	19	6
105	Condon, John Pomeroy	Michigan	July 7, 1930	18	10
211	Cook, Harry Edward, jr.	Arkansas	June 23, 1930	18	11
422	Cook, Paul Chronical	Tennessee	Aug. 7, 1930	18	8
442	Cooper, Ernest Greene, jr.	Maryland	Sept. 22, 1930	19	9
367	Corbin, Henry Clark	Illinois	June 12, 1930	19	3
399	Corbin, William Leslie	At large (Pres.)	July 14, 1930	18	5
388	Cordiner, Douglas Lee Lipscomb	At large (Pres.)	June 17, 1930	18	4
84	Coxe, Lewis Crocker	Texas	June 25, 1930	17	10
*9	Craft, James Pressley, jr.	Georgia	July 2, 1930	16	8

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	24.00	47.60	25.16	23.32	16.35	23.45	159.88
2	21	19.30	36.89	22.60	23.44	18.09	23.10	143.42
2	9	21.85	44.52	28.00	26.04	21.18	21.14	162.73
2	21	20.44	41.58	24.04	24.60	21.21	22.89	154.76
2	13	22.24	45.15	24.88	26.64	19.41	24.43	162.75
2	21	22.68	41.51	24.00	22.48	15.96	22.33	148.96
2	21	23.82	47.32	26.80	27.16	20.97	22.61	168.68
2	13	22.69	45.15	26.36	24.12	18.84	24.64	161.80
2	21	21.05	40.32	24.20	24.76	18.15	24.01	152.49
2	21	23.27	44.66	26.08	24.16	18.81	24.22	161.20
5	14	21.75	44.66	25.60	25.84	19.92	21.42	159.19
2	21	19.29	38.57	22.52	24.20	16.71	23.73	145.02
2	21	21.40	39.48	24.48	27.20	19.56	22.89	155.01
2	21	22.19	35.70	23.92	22.76	16.14	21.77	142.48
2	21	19.34	37.45	21.36	21.68	16.23	23.87	139.93
2	21	20.74	38.71	24.16	24.32	15.96	19.67	143.56
2	21	22.20	43.33	27.32	27.92	21.96	24.15	166.88
2	21	20.18	37.31	22.24	22.24	16.26	23.03	141.26
2	21	22.03	41.02	23.32	22.72	17.22	22.19	148.50
2	21	19.31	35.91	21.12	22.64	19.83	21.98	140.79
2	21	18.93	38.01	21.88	21.00	15.96	21.77	137.55
2	21	21.28	38.15	22.76	25.60	17.55	23.73	149.07
2	21	23.09	49.70	27.60	26.52	18.72	24.50	170.13
2	21	23.38	47.39	27.20	23.56	18.15	22.33	162.01
2	21	20.01	38.50	21.32	23.84	15.87	23.38	142.92
2	21	18.97	38.29	22.32	24.96	16.74	23.03	144.31
2	21	22.11	37.94	22.36	20.72	15.63	23.38	142.14
2	21	23.20	45.57	25.60	22.80	18.12	23.10	158.39
2	13	19.09	35.84	20.96	20.04	15.87	24.01	135.81
2	21	21.83	41.09	25.16	26.44	18.69	23.73	176.94
2	21	20.24	38.92	22.12	22.96	17.07	23.80	145.11
2	13	21.96	45.36	24.44	22.52	16.05	24.50	154.83
2	21	20.22	38.08	22.80	22.72	15.69	22.75	142.26
2	21	21.44	37.94	22.48	21.00	15.63	22.96	141.45
2	21	22.94	38.01	23.72	23.96	17.16	23.73	149.52
2	21	22.58	41.72	24.92	24.44	17.97	22.47	154.10
2	21	20.27	37.52	22.84	22.36	16.02	23.24	142.25
2	21	20.30	39.55	23.76	25.40	19.35	22.33	150.69
2	21	19.81	36.12	21.12	23.44	15.72	21.70	137.91
2	9	20.23	36.75	21.44	21.48	15.96	22.96	138.82
2	21	21.65	39.48	23.28	24.28	16.53	22.96	148.18
2	21	18.92	35.14	20.92	24.08	16.20	22.68	137.94
2	21	21.81	41.44	23.64	24.44	18.60	24.50	154.43
2	21	18.54	36.26	21.28	21.28	15.87	23.10	136.33
2	21	19.88	38.43	21.32	23.04	19.02	22.75	144.44
2	21	21.48	41.37	25.76	25.08	20.88	24.15	158.72
2	21	21.24	43.19	24.36	25.80	18.99	24.29	157.87
2	21	21.25	42.98	24.12	21.76	16.89	22.75	149.75
2	21	19.58	36.19	22.12	23.40	16.62	21.77	139.68
2	21	21.47	36.89	21.36	21.44	15.72	21.63	138.51
2	21	19.01	35.49	20.92	25.12	20.28	22.19	143.01
2	21	19.60	37.38	21.72	23.48	17.79	21.42	141.39
2	21	18.93	37.45	22.60	24.96	16.92	21.49	142.35
2	21	22.26	43.26	26.64	25.40	18.15	23.73	159.44
2	21	23.77	50.54	28.64	25.84	19.35	24.64	172.78

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
269	Cress, Herbert Clyde, jr.....	Kentucky.....	July 1, 1930	19	9
393	Criswell, Robert Parker.....	California.....	June 14, 1929	19	9
345	Crowell, Robert Burns.....	New York.....	June 27, 1930	18	9
461	Crutcher, William Rolston.....	Alabama.....	June 23, 1930	17	10
352	Daunis, Stanley Stephen.....	Massachusetts.....	June 19, 1930	19	0
173	Davies, Robert Henry.....	Ohio.....	Aug. 18, 1930	18	3
194	Davis, Adelbert John, jr.....	Oregon.....	June 12, 1930	20	0
381	Davis, Eugene Worthington.....	Washington.....	June 19, 1930	18	7
284	Davis, George Fleming.....	Hawaii.....	July 1, 1930	19	3
114	Davis, John Kenneth.....	California.....	June 27, 1930	18	1
79	Davis, James Robert.....	Rhode Island.....	June 18, 1930	17	10
184	Day, Barton Eldred.....	New Jersey.....	June 17, 1930	19	2
238	Day, Howard Earl, jr.....	Vermont.....	June 30, 1930	17	10
243	Deakin, Harold Osborne.....	Utah.....	June 16, 1930	17	5
457	Dean, William Arthur, jr.....	Texas.....	June 17, 1930	19	5
396	Deragon, William Nolin.....	New York.....do.....	.....do.....	19	3
34	Dickey, Joseph Lyle.....	Missouri.....	June 30, 1930	19	9
366	Dickey, Willie Mills.....	Texas.....	June 18, 1930	19	1
288	Dickinson, Clarence Earle, jr.....	North Carolina.....	June 12, 1930	17	6
161	Dissette, Edward Farwell.....	Michigan.....	July 1, 1930	19	1
150	Dixon, Duncan Patterson, jr.....	Alabama.....	June 30, 1930	18	11
w	Dodd, Valdo Clare.....	Michigan.....	Sept. 8, 1930	19	8
221	Donaldson, Robert.....	Florida.....	July 2, 1930	17	11
421	Doss, Clarence Thomas, jr.....	Arkansas.....	July 1, 1930	17	6
128	Driver, Orvil Leonard.....	California.....	June 28, 1929	18	2
263	Drumtra, William James.....	New York.....	July 14, 1930	19	5
133	Dry, Melvin Hulquist.....	Pennsylvania.....	June 12, 1930	19	4
432	DuBois, Thomas Hodgskin.....	At large (Pres.).....do.....	.....do.....	18	0
299	Dutton, William Tenney.....	Rhode Island.....	July 1, 1930	17	5
320	Edrington, Thomas Craighead, 3d.....	Arkansas.....	June 16, 1930	17	8
163	Edwards, David Shelton, jr.....	California.....	June 19, 1930	18	11
271	Ellenberger, Edward George.....	Maryland.....do.....	.....do.....	20	2
319	Erwin, Sidney Lyle.....	Michigan.....	June 17, 1930	18	5
361	Ethridge, Walker.....	Mississippi.....do.....	.....do.....	17	5
252	Fagan, Edward Mallon.....	Ohio.....	July 28, 1930	19	10
*7	Fahy, Edward Joseph.....	New York.....	June 19, 1930	20	1
260	Fairweather, Robert Scobie.....	New Jersey.....	June 27, 1930	19	7
483	Farwell, Charles Bradford.....	Minnesota.....	Aug. 25, 1930	18	10
95	Fell, Charles Woodford.....	Indiana.....	June 19, 1930	18	7
482	Ferguson, John Norwood, jr.....	North Carolina.....	June 25, 1930	17	9
216	Fischer, Charles Fink.....	Pennsylvania.....	Aug. 4, 1930	16	10
107	Fisher, Edwin Shelton.....	Tennessee.....	July 15, 1930	19	2
454	Fleck, Francis Edward, jr.....	Illinois.....	July 8, 1930	17	9
221	Fletcher, Francis O'Conner, jr.....	North Carolina.....	June 12, 1930	19	0
291	Florence, John Williams.....	Oklahoma.....	June 19, 1930	18	8
478	Fly, William Lafayette, jr.....	Missouri.....	Aug. 25, 1930	19	8
41	Flynn, Leonard John.....	New York.....	July 22, 1930	18	7
262	Fortune, Robert Meriwether.....	Tennessee.....	June 18, 1930	18	0
428	Foster, John Lee.....	New York.....	June 30, 1930	17	6
187	Fraser, Donald Woodrow.....	Pennsylvania.....	June 27, 1930	20	1
108	Freedman, Lewis.....	North Dakota.....	July 17, 1930	16	8
290	Frey, Charles Weiser.....	Pennsylvania.....	Aug. 25, 1930	20	5
352	Froling, Wendell Hilding.....	New Jersey.....	June 19, 1930	18	7
204	Fuchs, Joseph Paul.....	New York.....	June 17, 1930	16	5
212	Fulghum, Benjamin Cornelius.....	Georgia.....	June 20, 1930	19	7

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Aptitude for serv- ice	Aggre- gate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	21.30	37.94	22.24	23.96	16.77	24.57	146.78
5	2	19.73	36.61	22.20	23.52	16.65	23.17	141.88
2	21	20.27	38.57	21.92	22.04	16.59	24.29	143.68
2	21	18.70	37.03	20.68	22.32	16.50	21.21	136.44
2	21	19.07	36.61	21.76	23.32	19.38	23.31	143.45
2	21	22.45	42.70	25.32	22.00	17.85	22.12	152.44
2	21	20.77	40.04	23.64	24.84	17.58	24.43	151.30
2	21	19.99	36.82	22.32	24.36	15.93	23.10	142.52
2	21	20.18	39.97	23.36	21.08	17.25	24.36	146.20
2	21	22.49	40.04	26.04	25.24	20.31	22.96	157.08
2	21	22.00	40.67	25.60	26.40	21.15	24.01	159.83
2	21	21.75	39.20	24.44	24.12	19.71	24.29	151.71
2	21	21.48	37.03	23.08	24.44	19.71	22.82	148.56
2	21	19.40	39.34	22.52	25.16	18.63	23.24	148.29
2	21	19.22	35.98	20.84	22.28	15.99	23.03	137.34
2	21	19.37	36.47	22.04	22.60	18.81	22.40	141.69
2	21	24.46	49.00	27.00	23.96	17.10	24.50	166.02
2	21	18.54	38.22	21.36	22.04	18.81	24.08	143.05
2	21	20.97	39.20	24.32	24.92	15.51	20.93	145.85
2	21	21.72	40.53	23.52	25.36	17.49	24.64	153.26
2	21	23.01	41.93	24.84	22.24	16.92	24.99	153.93
2	21	(a)	(a)	(a)	(a)	(a)	23.24	Inc.
2	21	20.70	37.87	24.52	25.88	17.07	23.31	149.35
2	21	20.26	36.19	21.48	23.44	15.78	22.75	139.90
4	17	22.26	42.42	23.84	24.43	19.80	22.61	155.41
2	21	21.21	39.06	22.56	23.68	16.56	24.15	147.22
2	21	21.23	42.14	24.32	23.92	18.96	24.64	155.21
2	21	20.02	36.47	21.04	21.40	18.69	21.63	139.25
2	13	20.31	38.78	22.84	24.96	16.62	21.91	145.42
2	21	21.21	37.94	23.12	22.28	16.71	23.24	144.50
2	13	21.68	40.95	23.04	25.92	18.87	22.68	153.14
2	21	21.48	38.78	22.88	23.80	17.04	22.75	146.73
2	21	19.19	36.54	23.20	24.68	18.15	22.82	144.58
2	21	19.46	38.99	22.60	23.12	17.01	22.05	143.23
2	21	21.39	38.85	23.60	23.32	16.68	24.01	147.85
2	21	23.55	47.60	27.88	28.28	19.89	25.76	172.96
2	21	21.60	36.33	22.76	25.12	17.34	24.43	147.58
2	21	18.92	35.28	20.64	22.92	15.30	19.95	133.01
2	21	20.63	42.07	25.72	26.96	20.52	22.54	158.44
2	21	18.95	34.72	20.96	21.12	15.27	22.19	133.21
2	21	20.06	42.35	25.12	22.48	17.16	22.40	149.57
2	21	23.20	40.95	24.52	24.64	20.52	23.66	157.49
2	21	17.82	36.26	20.72	20.84	18.81	23.10	137.55
2	21	23.46	41.02	23.40	23.08	16.20	22.19	149.35
2	21	19.80	39.06	22.64	24.88	16.35	22.89	145.62
2	21	17.97	35.84	21.28	21.16	16.29	21.70	134.24
2	21	21.69	44.87	26.12	26.28	22.29	23.73	164.98
2	21	20.09	37.31	22.60	25.64	18.24	23.45	147.33
2	21	20.36	37.31	21.68	22.96	15.72	21.35	139.38
2	21	21.75	41.58	24.24	23.48	18.06	22.54	151.65
2	21	21.33	46.27	25.32	24.32	18.18	21.98	157.40
2	21	21.41	39.48	22.72	24.56	16.74	20.72	145.63
2	21	21.68	36.96	21.20	23.84	16.95	22.82	143.54
2	21	21.07	38.15	24.44	25.04	19.56	22.33	150.59
2	21	20.29	39.34	23.28	24.68	19.08	23.03	149.70

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
122	Fuller, Harold Douglas.....	Wisconsin.....	June 16, 1930	17	9
179	Fulp, James Douglas, Jr.....	South Carolina.....	Aug. 25, 1930	20	0
273	Garth, Craig Ransom.....	Missouri.....	June 18, 1929	19	11
g121	Gautzsch, Frederick Ivory.....	Pennsylvania.....	June 30, 1930	17	10
246	Gebelin, Albert Louis.....	New York.....	June 27, 1930	18	3
456	Geist, John Willard.....	Pennsylvania.....	June 26, 1929	20	0
*13	Gerlach, Charles Henry.....	Ohio.....	June 20, 1930	17	7
350	Graham, Robert Wallace.....	New York.....	Aug. 18, 1930	18	11
*12	Gralla, Arthur Robert.....	do.....	June 17, 1930	17	2
339	Grant, Mark Alfred.....	Mississippi.....	do.....	19	0
467	Green, John Cawley.....	P. A. 348 (Pres.).....	June 24, 1929	19	4
469	Greenman, Franklin Pierce.....	New York.....	July 14, 1930	16	5
377	Greer, Harry Holt, Jr.....	Pennsylvania.....	June 24, 1930	19	4
443	Griffin, Gordon Alexander.....	Virginia.....	July 14, 1930	18	7
210	Griffith, Walter Thomas.....	Louisiana.....	June 27, 1930	19	1
308	Grosh, Harold Arthur.....	Delaware.....	June 19, 1930	19	0
429	Grossman, George Sample, Jr.....	do.....	Aug. 25, 1930	18	7
425	Gunn, Frederick Arthur.....	Kansas.....	June 16, 1930	18	8
287	Guthrie, Thompson Clyde, Jr.....	Kentucky.....	July 7, 1930	18	2
83	Guthrie, William Lowry.....	Pennsylvania.....	June 13, 1930	17	5
261	Hagel, Arthur John Joseph.....	Kentucky.....	June 27, 1930	20	2
241	Hailey, Edgar Josiah.....	Texas.....	July 1, 1930	20	2
*6	Halligan, James Edward, Jr.....	Louisiana.....	do.....	17	2
213	Hallock, Robert Frederick.....	Pennsylvania.....	June 19, 1930	18	8
429	Hampton, Isaiah Martin.....	Texas.....	June 18, 1929	18	8
300	Hanlon, Daniel Edward, Jr.....	New Jersey.....	Sept. 6, 1930	19	11
466	Harbold, Robert Pattison, Jr.....	District of Columbia.....	June 27, 1930	19	9
144	Hardy, Robert James.....	Illinois.....	June 17, 1930	19	10
234	Harlee, John.....	Florida.....	June 23, 1930	16	6
159	Harper, Cecil Kelly.....	Illinois.....	June 16, 1930	19	4
446	Harris, Charles Lyle, Jr.....	California.....	July 1, 1930	19	11
348	Hastings, Willard Edward.....	North Dakota.....	June 16, 1930	18	1
70	Hawes, Frederick William.....	Washington.....	do.....	19	10
*4	Haworth, Merton Dale.....	Kansas.....	July 1, 1930	18	11
167	Hay, Alexander Guion.....	Ohio.....	June 13, 1930	19	8
402	Heerde, Frederick Charles.....	Massachusetts.....	June 18, 1930	19	0
215	Hembury, William Conrad.....	New York.....	July 14, 1930	16	11
97	Henderson, Charles Mitchell.....	Louisiana.....	June 18, 1930	19	2
334	Hendrick, Norman Price.....	Kentucky.....	July 1, 1930	19	10
436	Herbert, William Haynes.....	Mississippi.....	June 23, 1930	17	0
419	Hill, George Amos, Jr.....	New Jersey.....	June 12, 1930	18	6
279½	Hill, Herbert Dudley.....	Alabama.....	June 16, 1930	17	11
407	Hine, Thomas Ringle.....	Pennsylvania.....	do.....	19	9
387	Hoffman, George Dewey.....	Delaware.....	June 18, 1930	19	2
209	Hommel, Robert Emerson.....	New York.....	July 1, 1930	18	8
427	Hopkins, Robert Hugh.....	California.....	June 27, 1930	18	5
174	Horton, John Aiken, Jr.....	South Carolina.....	June 30, 1930	18	1
i416½	Houck, Ray Wallen.....	Kansas.....	June 28, 1929	18	8
314	House, Arthur Caswell, Jr.....	North Carolina.....	Aug 15, 1930	19	8
143	Houston, Robert Cecil.....	Illinois.....	July 14, 1930	18	3
112	Howard, John William.....	Texas.....	June 23, 1930	18	2
203	Hutchings, Curtis Howell.....	Florida.....	June 17, 1930	18	7
92	Hyde, John Milton.....	New York.....	June 19, 1930	19	10
37	Hyland, John Joseph.....	Massachusetts.....	June 23, 1930	17	10
135	Ingersoll, Royal Rodney, 2d.....	Indiana.....	June 16, 1930	16	6

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	21.59	42.00	25.04	25.44	19.02	22.82	155.91
2	13	20.73	41.37	24.08	23.76	17.85	24.36	152.15
5	14	20.12	38.85	23.16	24.48	16.74	23.31	146.66
2	21	23.21	40.88	24.76	23.76	20.16	23.45	156.22
2	21	23.34	37.31	23.44	24.08	16.50	23.52	148.19
2	21	18.75	35.21	21.08	22.44	15.90	24.01	137.39
2	21	24.30	49.00	27.84	26.88	19.23	23.45	170.70
2	21	19.91	38.43	23.16	22.04	16.41	23.59	143.54
2	21	22.38	49.21	26.80	27.68	22.86	23.10	172.03
2	21	20.06	37.80	22.32	23.24	17.13	23.24	143.79
5	14	19.93	36.40	21.20	21.92	17.04	19.46	135.95
2	21	19.05	38.22	20.60	22.40	16.08	19.53	135.88
2	13	22.31	36.54	22.56	23.20	15.45	22.61	142.67
2	21	19.13	35.70	21.52	23.60	15.57	22.89	138.41
2	21	20.04	39.55	23.72	25.44	17.07	24.01	149.83
2	21	20.10	35.35	21.96	24.28	18.33	24.99	145.01
2	21	19.84	37.17	21.96	21.36	17.58	21.42	139.33
2	21	18.85	35.63	21.60	24.04	16.95	22.47	139.54
2	21	20.44	39.55	23.32	22.48	15.99	24.08	145.86
2	21	22.53	43.40	25.04	24.84	19.56	24.15	159.52
0	0	19.85	41.09	23.56	24.12	18.45	20.37	147.44
2	21	20.12	40.32	23.16	23.48	17.79	23.52	148.39
2	21	25.65	49.35	29.32	25.08	20.73	23.03	173.16
2	21	21.60	38.78	23.52	26.08	17.10	22.61	149.69
2	21	19.44	36.05	21.12	24.24	15.87	22.61	139.33
2	21	20.83	40.04	22.76	23.52	16.20	22.05	145.40
2	13	19.25	35.28	20.40	20.96	17.82	22.40	136.11
2	21	22.97	43.75	25.28	22.80	15.42	24.29	154.51
2	21	20.20	41.72	23.08	23.92	18.33	21.49	148.74
2	21	21.12	40.32	23.36	26.12	18.18	24.22	153.32
2	21	18.79	35.91	19.92	22.96	17.64	23.03	138.25
2	21	19.54	37.31	22.12	24.24	17.25	23.10	143.56
2	21	20.83	45.99	26.28	26.04	18.84	22.54	160.52
2	21	25.01	49.56	27.88	26.88	20.85	24.22	174.40
2	21	21.42	40.11	24.84	26.16	17.13	23.03	152.69
2	21	19.42	36.89	21.84	22.16	17.28	23.45	141.04
2	21	21.62	39.76	22.64	23.84	19.05	22.68	149.59
2	21	23.00	45.15	26.92	23.16	17.82	22.33	158.38
2	21	19.68	36.82	22.36	22.92	20.16	22.12	144.06
2	21	18.56	37.38	21.60	22.20	15.18	24.15	139.07
2	21	20.78	37.24	22.16	23.72	16.56	19.60	140.06
2	21	21.78	39.90	22.68	24.24	16.02	21.84	146.46
2	21	19.65	35.56	22.52	23.80	15.69	23.59	140.81
2	21	20.41	38.29	22.72	23.00	16.83	21.14	142.39
2	21	21.60	38.50	23.84	23.36	18.18	24.50	149.98
2	21	19.97	36.61	21.32	23.28	16.14	22.12	139.44
2	21	21.18	41.37	24.60	24.24	17.16	23.87	152.42
2	13	18.60	36.05	21.28	24.52	16.92	22.89	140.26
2	21	19.82	38.64	23.04	23.52	16.68	22.96	144.66
2	21	22.61	41.16	25.20	24.20	18.90	22.47	154.54
2	21	21.58	42.14	25.00	26.08	19.05	23.31	157.16
2	21	22.10	43.40	22.80	22.24	16.98	23.10	150.62
2	21	22.51	44.52	25.00	24.36	18.48	24.08	158.95
2	21	22.28	48.72	27.72	24.32	18.96	23.59	165.59
2	21	21.94	42.14	23.92	25.96	17.07	24.08	155.11

MERIT ROLL OF THE PRESENT SECOND CLASS

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
418	Ingling, Alan Lloyd.....	Pennsylvania.....	Aug. 12, 1929	18	9
360	Ingram, Carlyle.....	Georgia.....	June 20, 1930	17	1
217	Ireland, Maurice Thompson.....	Michigan.....	June 25, 1930	18	8
320	Irvine, Donald Greer.....	Iowa.....	June 30, 1930	19	7
9369	Jackson, Charles Pollard, jr.....	Alabama.....	June 23, 1930	17	7
417	Jeter, Ervin Russell.....	Mississippi.....	Sept. 2, 1930	18	9
175	Joachim, Paul Lamar.....	New York.....	June 30, 1930	18	3
372	Johnson, Frank Ernest.....	Arizona.....	June 16, 1930	19	0
281	Johnson, James Everett.....	Mississippi.....	July 10, 1930	19	8
178	Johnson, Nels Clarence.....	New Hampshire.....	July 14, 1930	18	0
463	Johnston, Dewey George.....	Oklahoma.....	July 22, 1929	19	6
32	Johnston, Robert King.....	South Dakota.....	July 7, 1930	18	10
374	Jones, Edwin Kuykendall.....	Texas.....	June 20, 1930	19	7
240	Jurado, Enrique Lopez.....	Philippine Islands.....	July 14, 1930	19	0
100	Kait, Herman Hart.....	Pennsylvania.....	June 27, 1930	20	2
18	Kane, Richard Francis.....	Massachusetts.....	June 20, 1930	17	6
123	Kearns, John William.....	Wisconsin.....	June 19, 1930	17	9
40	Keller, William Walton.....	Pennsylvania.....	June 30, 1930	17	4
304	Kelly, Francis Albert Georgs.....	Texas.....	July 1, 1930	19	11
<i>w</i>	Kerby, Kenneth David.....	Idaho.....	June 27, 1930	19	7
411	Key, Hobart, jr.....	Texas.....	June 18, 1930	17	3
134	Kilmartin, Alfred Dunn.....	Michigan.....	July 14, 1930	18	2
*16	Kingsley, Neil Edgar.....	Iowa.....	June 16, 1930	18	3
324	Kinsella, William Thomas.....	Pennsylvania.....	July 11, 1930	17	2
27	Kirkpatrick, Claude Sicheluff.....	Oklahoma.....	June 18, 1930	19	8
75	Kisor, Manown.....	Pennsylvania.....	do.....	18	4
329	Kleppinger, Lehman Horn.....	do.....	June 20, 1930	18	8
400	Klunk, Richard Stewart.....	do.....	Sept. 15, 1930	18	0
314	Knapp, Gerald Anton.....	Washington.....	June 28, 1929	19	1
282	Knerr, Hugh Salisbury.....	At large (V.P.).....	June 23, 1930	17	2
236	Kopff, Richard Garms.....	New York.....	July 21, 1930	16	10
268	Kossler, Herman Joseph.....	At large (Pres.).....	June 13, 1930	18	6
275	Kramer, William Moltz.....	Pennsylvania.....	June 18, 1930	17	6
249	Krapf, Arthur Elmer.....	Maryland.....	June 27, 1930	19	3
109	Krulak, Victor Harold.....	Wyoming.....	June 19, 1930	17	5
118	Latham, Richard Clark.....	New York.....	June 26, 1930	19	2
129	Lautrup, George William, jr.....	do.....	June 17, 1930	18	3
250	Lawrence, William Henry.....	Michigan.....	July 2, 1930	17	1
56	Lee, Edwin Samuel, jr.....	Ohio.....	July 7, 1930	17	4
416	Lee, Robert Matthews.....	California.....	June 27, 1930	19	0
405	Leeman, Robert Whitney.....	New Hampshire.....	June 17, 1930	18	8
267	Lefelar, Louis, jr.....	New Jersey.....	do.....	19	9
340	Lennox, William Robert.....	New York.....	July 21, 1930	18	5
406	Lewis, Charles Douglas.....	Mississippi.....	June 17, 1930	19	3
484	Lewis, Hugh Howard.....	Texas.....	July 17, 1929	18	9
379	Lewis, Joseph Seaman.....	Louisiana.....	June 23, 1930	19	0
365	Leyde, Glen Warren.....	Minnesota.....	June 27, 1930	19	2
343	Logsdon, Earl William.....	Colorado.....	June 30, 1930	16	7
397	Lowe, John Thompson, jr.....	North Carolina.....	June 19, 1930	17	9
333	Lundberg, Nils Harry.....	Vermont.....	July 8, 1930	17	7
62	Lundfelt, Marvin Ellsworth.....	Pennsylvania.....	July 1, 1930	18	7
364	Mackenzie, Colin Jack.....	Wyoming.....	June 19, 1930	19	8
158	Macleod, Warren Smith.....	Maryland.....	do.....	19	8
126	Maddox, William Squire.....	California.....	June 20, 1930	18	11
481	Magruder, Peyton Marshall.....	Illinois.....	June 16, 1930	18	8

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	19.08	36.40	22.28	23.40	16.05	22.89	140.10
2	21	18.97	38.08	22.28	22.76	19.62	21.56	143.27
2	21	22.02	39.06	22.92	24.12	17.76	23.66	149.54
2	21	20.83	37.80	22.24	24.80	15.87	22.96	144.50
2	21	19.66	37.52	22.60	23.72	16.68	22.75	142.93
2	21	20.15	37.45	21.60	22.68	16.53	21.77	140.18
2	21	21.61	39.69	23.36	25.28	17.25	25.20	152.39
2	21	21.74	37.59	21.52	22.40	16.20	23.45	142.90
2	21	20.12	38.71	21.72	22.80	20.49	22.47	146.31
2	21	23.88	41.30	24.60	23.36	16.02	23.03	152.19
2	21	18.45	36.19	20.96	22.40	15.45	22.89	136.34
2	13	23.45	47.39	26.84	24.28	19.95	24.78	166.69
2	21	19.70	40.25	23.16	21.28	16.41	21.98	142.78
2	21	18.91	40.88	24.36	23.72	18.99	21.63	148.49
2	21	21.12	41.37	24.60	25.36	21.81	23.87	158.13
2	21	22.03	50.19	28.20	25.76	20.85	22.75	169.78
2	21	22.56	42.14	25.00	23.36	18.30	24.50	155.86
2	21	23.27	43.33	25.72	27.32	21.69	23.87	165.20
2	21	19.69	35.56	21.40	26.08	18.99	23.59	145.31
2	21	(a)	(a)	(a)	(a)	(a)	24.85	Inc.
2	21	21.18	35.63	21.68	25.04	15.72	21.21	140.46
2	21	21.55	41.79	24.52	24.16	18.27	24.85	155.14
2	21	23.64	49.77	27.04	26.72	19.59	23.31	170.07
2	13	20.80	39.55	22.36	22.48	16.53	22.68	144.40
2	21	22.53	50.47	26.76	24.28	18.09	24.92	167.05
2	21	23.99	41.51	24.76	26.72	18.24	24.92	160.14
2	21	19.48	37.59	21.84	23.20	18.57	23.59	144.27
2	21	21.42	38.29	21.84	20.92	15.90	22.89	141.26
2	21	19.87	37.80	23.36	24.08	18.48	21.07	144.66
2	21	20.23	39.13	24.60	22.84	16.23	23.24	146.27
2	21	19.38	38.01	22.80	25.16	20.25	22.82	148.62
2	21	19.65	38.15	22.44	25.40	17.97	23.24	146.85
2	21	21.80	39.48	21.92	22.80	17.22	23.31	146.53
2	21	20.72	38.99	24.92	22.40	16.95	23.94	147.92
2	9	2.93	41.37	24.92	25.64	18.66	23.87	157.39
2	21	22.31	42.91	24.36	24.68	18.30	24.01	156.57
2	21	22.69	44.10	23.48	22.56	19.05	23.45	155.33
2	21	20.40	42.56	21.76	23.24	17.88	22.05	147.89
2	21	25.01	45.50	27.16	24.24	16.56	23.59	162.06
2	21	18.95	37.24	21.44	22.84	16.86	22.96	140.29
2	21	19.07	36.40	21.92	23.92	17.43	22.19	140.93
2	21	19.84	38.64	23.04	23.28	19.26	22.82	146.88
2	21	21.81	38.22	22.32	22.68	15.57	23.17	143.77
2	21	19.31	38.50	22.04	21.88	16.86	22.33	140.92
2	21	18.83	35.98	20.88	21.76	15.78	19.53	132.76
2	21	18.82	36.82	22.04	23.60	16.74	24.64	142.66
2	21	22.09	38.57	23.48	21.20	16.23	21.49	143.06
2	21	21.25	38.29	23.20	22.32	16.41	22.26	143.73
2	21	20.17	36.40	21.96	23.04	16.98	22.96	141.51
2	21	18.75	37.31	21.36	23.96	19.77	22.96	144.11
2	21	23.01	46.13	26.68	24.28	18.84	22.75	161.69
2	21	21.77	38.71	21.96	22.12	15.78	22.75	143.09
2	21	21.61	42.77	23.96	24.08	17.49	23.45	153.36
2	21	20.81	44.59	23.52	23.24	19.95	23.52	155.63
2	21	18.99	36.54	20.24	23.12	15.72	18.69	133.30

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
132	Mann, Charles Clark	Louisiana	do	17	9
42	Mann, Richard Leslie	At large (Pres.)	June 12, 1930	17	10
404	Manning, Arthur Reburg	Utah	June 19, 1930	19	2
76	Maples, Hugh Marion	Arkansas	July 8, 1930	19	3
335	Marcoux, Heliodore Aimé	New Hampshire	July 14, 1930	20	0
w	Marlowe, Robert Aloysius	California	Sept. 29, 1930	20	1
459	Marshall, Frank Gilkerson, jr.	Maryland	June 17, 1930	18	3
453	Martin, John Croysdale	Illinois	do	19	11
424	Martin, William Inman	Missouri	June 12, 1930	19	1
1473	Matthews, Wilton Edgar	Texas	July 1, 1930	20	1
55	Maynard, Russell Hatton	Massachusetts	July 7, 1930	17	11
87	McClung, Edgar Raymond, jr.	Indiana	June 19, 1930	17	0
196	McCombs, Paul	Colorado	June 23, 1930	17	5
88	McCormick, William Morgan	New Jersey	June 16, 1930	18	0
300	McGillis, John Frink	Washington	June 18, 1930	20	1
392	McKeithen, Edwin Thornwell, jr.	North Carolina	do	18	3
1489	McKissack, Thompson Pope	Tennessee	Aug. 25, 1930	19	11
214	McLaren, Earle Kenneth	Illinois	July 7, 1930	17	10
1488	McLean, Ronald Edward	Massachusetts	June 27, 1930	20	0
106	McMahon, John Merton	New York	June 30, 1930	17	11
48	McMillan, William	Wisconsin	July 28, 1930	19	1
26	McNaughton, John Bruce	Pennsylvania	June 30, 1930	18	2
317	Mecleary, Elmer Read	New York	June 12, 1930	18	2
295	Menges, Robert Henry	Missouri	do	18	7
338	Merrick, Gorman Coady	Michigan	June 27, 1930	20	0
19	Merrill, Grayson	California	June 13, 1930	18	5
480	Merrill, Sidney Douglas Baxton	Rhode Island	June 19, 1930	16	3
351	Merrill, Wayne Rucker	Missouri	June 17, 1930	17	10
85	Metcalf, John	Iowa	June 16, 1930	18	1
68	Metcalf, Paul Thompson	Ohio	July 7, 1930	17	11
125	Middleton, Carl White, jr.	California	June 19, 1930	20	0
72	Milbrath, Robert Henry	Wisconsin	July 21, 1930	18	3
142	Miller, David Charles	Michigan	June 12, 1930	19	4
312	Miller, Henry Louis	Alaska	July 7, 1930	18	0
9381	Miller, Leonard Manning	Indiana	June 27, 1930	18	7
414	Miller, Stuart Paul	Pennsylvania	Aug. 11, 1930	19	1
448	Milner, Robert Miller	At large (Pres.)	June 12, 1930	18	9
444	Moore, Allen Willis	Maryland	June 19, 1930	18	4
327	Moran, Patrick Charles	New York	June 20, 1930	18	0
103	Morland, John Benjamin	Kansas	June 16, 1930	18	11
435	Mullan, Hugh	New York	Aug. 25, 1930	18	9
409	Mulquin, Edward Joseph	Connecticut	July 7, 1930	19	7
270	Mumma, George Edwin	Iowa	July 5, 1929	18	4
94	Murphy, William Clarence	Massachusetts	June 27, 1930	18	10
376	Murray, Hugh Quin	Georgia	June 30, 1930	17	8
39	Nauman, Harley Kent	Kansas	June 13, 1930	19	6
131	Neet, James Russell	Indiana	June 16, 1930	20	1
*14	Nelson, Clyde Ralph	Illinois	July 22, 1930	17	7
181	Newell, James Harold	Georgia	July 7, 1930	19	1
104	Newman, Arthur Lester	New York	June 27, 1930	19	5
165	Nichols, John Culver	Illinois	June 20, 1930	20	0
225	Nichols, Richard Eugene	California	June 27, 1930	18	7
359	Nicol, George Beaton	Ohio	June 19, 1930	17	8
17	Nielsen, Homer Howard	Missouri	July 1, 1930	18	3
185	Nienstedt, Donald Albert	California	June 26, 1930	18	8
46	Novitski, Francis Joseph	Wisconsin	June 20, 1930	16	4

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	22.00	41.65	24.28	24.88	19.95	22.47	155.23
2	21	23.08	46.41	26.04	24.84	21.99	22.26	164.62
2	21	19.70	37.03	22.32	23.00	16.50	22.40	140.95
2	21	22.78	45.29	26.20	25.16	17.88	22.82	160.13
2	21	19.66	37.73	21.48	22.56	19.29	23.31	144.03
2	21	(a)	(a)	(a)	(a)	(a)	24.22	Inc.
2	21	19.81	35.84	20.72	21.48	15.57	23.17	136.59
2	21	19.29	35.21	21.00	22.92	16.77	22.54	137.73
2	21	20.15	36.40	21.56	22.24	15.84	23.38	139.57
2	21	18.44	34.09	20.72	22.40	17.79	21.84	135.28
2	21	22.50	42.70	26.44	25.36	21.99	23.38	162.37
2	21	22.48	42.42	25.36	27.92	16.95	23.94	159.07
2	21	21.52	37.87	23.60	25.92	17.79	24.57	151.27
2	21	22.80	42.84	26.00	25.24	19.08	23.03	158.99
2	21	22.72	38.22	23.00	22.48	16.23	22.75	145.40
2	21	20.44	36.19	21.36	22.32	16.77	24.85	141.93
2	21	17.77	33.46	20.40	20.56	16.65	19.46	128.30
2	21	21.80	40.04	22.56	26.08	16.11	23.03	149.62
2	21	17.81	32.83	19.72	20.92	16.65	23.31	131.24
2	9	20.38	43.33	24.24	26.04	18.96	24.64	157.59
2	21	23.11	47.11	26.96	23.64	17.37	25.13	163.32
2	13	22.78	48.23	26.88	26.00	19.11	24.15	167.15
2	21	21.96	36.54	23.80	22.56	16.32	23.45	144.63
2	21	19.40	37.38	21.72	23.40	19.41	24.22	145.53
2	21	21.18	38.50	22.08	23.36	18.18	20.51	143.81
2	21	23.24	49.63	27.32	25.68	19.89	23.59	169.35
2	21	18.61	35.91	21.12	21.32	15.57	21.49	134.02
2	21	20.51	36.33	23.16	25.44	16.11	21.98	143.53
2	21	22.58	45.01	26.16	24.64	17.73	23.24	159.36
2	21	23.06	44.17	26.00	24.52	19.20	23.73	160.68
2	21	22.51	40.32	24.40	23.56	20.46	24.43	155.68
2	21	24.35	42.28	25.60	24.04	20.67	23.31	160.25
2	13	22.81	41.72	24.76	24.16	17.67	23.45	154.57
2	21	18.93	37.94	22.24	23.12	17.76	24.78	144.77
2	21	20.29	37.59	22.60	22.00	17.64	22.40	142.52
2	21	19.87	36.47	22.96	22.08	15.96	22.96	140.30
2	21	19.84	36.68	21.24	23.08	15.42	21.70	137.96
2	21	19.89	36.12	22.08	22.28	16.89	21.14	138.40
2	21	21.11	37.73	22.88	23.32	15.90	23.38	144.32
2	21	21.20	45.99	25.88	23.36	16.71	24.92	158.06
2	21	19.12	38.71	21.64	22.40	15.60	21.63	139.10
2	21	19.78	36.96	22.96	23.80	16.35	20.72	140.57
2	13	23.49	36.82	22.20	23.24	17.13	23.87	146.75
2	21	22.12	45.43	25.52	24.96	18.03	22.40	158.46
2	13	20.17	37.38	22.00	21.88	17.16	24.15	142.74
2	21	23.57	45.29	27.76	24.80	18.54	25.27	165.23
2	21	23.59	41.09	24.36	24.32	18.57	23.31	155.24
2	21	23.80	51.31	28.48	23.72	19.47	23.66	170.44
2	13	22.44	43.89	25.28	23.08	15.54	21.63	151.86
2	21	22.39	42.42	26.04	24.28	19.23	23.59	157.95
2	21	22.42	40.81	24.56	23.64	18.00	23.31	152.74
2	21	21.38	39.90	23.24	24.04	18.51	22.19	149.26
2	21	19.72	39.76	22.32	22.72	16.23	22.54	143.29
2	21	24.28	50.96	27.56	25.12	17.73	24.15	169.80
2	21	23.28	38.85	25.00	23.60	17.76	23.17	151.66
2	21	22.25	47.53	26.60	25.80	19.26	22.96	164.40

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
*1	Nusom, Frank Allen.....	Texas.....	July 7, 1930	17	2
156	Nutt, James Stanley.....	Ohio.....	June 19, 1930	17	10
285	Oakley, Thomas Benjamin, jr.....	New York.....	June 20, 1930	18	4
377	O'Brien, Francis Robert.....	Montana.....	June 18, 1930	18	6
217	O'Kane, Richard Hetherington.....	New Hampshire.....	July 14, 1930	19	5
208	Oliver, Robert John.....	Ohio.....	June 18, 1930	19	10
197	Ours, Statton Ray, jr.....	West Virginia.....	do.....	19	5
170	Ovrom, Robert Johnson.....	Wisconsin.....	June 20, 1930	18	0
440	Owers, James Elliott.....	Massachusetts.....	do.....	16	11
151	Packard, Arden.....	California.....	June 27, 1930	19	2
82	Paine, Charles Bodwell, jr.....	Maine.....	July 14, 1930	18	2
253	Parker, John Haydon.....	Wyoming.....	June 19, 1930	18	9
346	Parks, Floyd Bruce.....	Missouri.....	June 27, 1930	19	5
164	Parsons, George Evald Theodore.....	Massachusetts.....	do.....	20	1
264	Paton, Robert Arthur.....	New York.....	July 15, 1930	17	10
412	Payne, Raymond.....	Mississippi.....	July 21, 1930	18	4
475	Payntor, Curtis Alvin.....	Indiana.....	June 30, 1930	18	5
168	Peacock, Thomas Allen.....	Texas.....	June 19, 1930	19	6
226	Pearce, Kenneth Guy.....	California.....	June 27, 1930	19	5
336	Peddy, Calaway Hill.....	Georgia.....	June 23, 1930	18	0
165	Peeler, William Randolph.....	Missouri.....	June 12, 1930	19	10
198	Pegelow, Frederic George.....	Illinois.....	Aug. 25, 1930	19	8
63	Perkins, Grafton Brookhouse, jr.....	Massachusetts.....	June 17, 1930	17	5
74	Pesante, Juan Bautista.....	Porto Rico.....	July 28, 1930	18	11
487	Peterson, Ward Joseph.....	Minnesota.....	June 19, 1930	18	10
99	Pfotenbauer, Fred Dorst.....	Missouri.....	June 17, 1930	20	2
64	Phelps, John Mitchell.....	California.....	June 12, 1930	17	11
199	Pilcher, Campbell.....	Michigan.....	June 30, 1930	17	7
38	Pinney, Frank Lucius, jr.....	Connecticut.....	June 25, 1930	17	3
43	Pittard, George Franklin.....	Georgia.....	June 27, 1930	18	11
449	Platt, Francis Chedsey.....	Pennsylvania.....	July 7, 1930	19	7
98	Powell, Edgar Samuel, jr.....	Minnesota.....	June 17, 1930	19	8
363	Powers, Bennet Gordon.....	Illinois.....	July 8, 1930	17	9
276	Presler, Irving Stahl.....	Ohio.....	June 19, 1930	19	3
298	Price, Forrest Marion.....	Texas.....	June 17, 1930	20	2
193	Price, Lowell Scherich.....	Oklahoma.....	do.....	18	2
297	Pugh, Donald Ellsworth.....	Colorado.....	June 23, 1930	19	3
367	Raborn, Albert.....	Florida.....	June 19, 1930	19	9
242	Ramsey, Milton Stuart.....	Pennsylvania.....	June 18, 1930	19	0
160	Randolph, Silas David.....	Illinois.....	July 1, 1930	19	10
192	Rankin, Ronald Quentin.....	Arkansas.....	June 23, 1930	19	6
257	Ray, Martin Hassett, jr.....	New York.....	June 17, 1930	16	10
337	Rector, James Alexander, jr.....	Kansas.....	July 1, 1930	18	4
395	Reeves, Malcolm Clephane.....	South Carolina.....	July 7, 1930	19	8
67	Rider, Eugene Carter.....	Kentucky.....	June 17, 1930	17	4
80	Risser, Robert Dunlap.....	Iowa.....	June 16, 1930	18	4
410	Ritson, Ernest Leo Edward.....	New Jersey.....	June 19, 1930	19	6
265	Rittenhouse, Ellis Brooks.....	Delaware.....	July 21, 1930	18	7
228	Robbins, Burton McKeen.....	Florida.....	June 27, 1930	20	3
153	Robbins, Orme Campbell.....	Alabama.....	June 19, 1930	17	4
111	Robbins, William Isaac.....	North Carolina.....	June 27, 1930	19	9
152	Robertson, Robert Neal.....	Texas.....	June 19, 1930	17	7
373	Roenigk, John George.....	Pennsylvania.....	June 18, 1930	18	3
306	Rohr, Clifford Maxwell.....	New York.....	June 17, 1930	17	3
154	Rooney, Carl William.....	do.....	June 27, 1930	19	3
81	Rosenberg, Marvin Irving.....	Colorado.....	June 19, 1930	18	5

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	23.24	49.35	27.96	28.60	23.88	24.92	177.95
2	21	22.84	40.32	23.44	25.96	18.30	22.54	153.40
2	21	21.76	38.92	23.72	21.64	17.04	23.10	146.18
2	21	20.68	36.47	22.24	23.24	17.22	22.82	142.67
2	21	21.75	39.69	23.48	23.20	18.18	23.24	149.54
2	21	21.98	40.74	24.36	22.92	16.44	23.66	150.10
2	21	22.10	41.86	24.96	22.16	16.95	22.96	150.99
2	21	22.49	41.44	23.68	22.92	18.51	23.59	152.63
2	21	18.92	37.17	22.52	22.20	18.54	19.39	138.74
2	21	20.97	40.95	25.12	23.16	20.97	22.75	153.92
2	21	23.58	44.59	25.16	23.84	18.84	23.52	159.53
2	21	21.06	40.04	23.68	23.36	16.17	23.52	147.83
2	21	20.00	37.52	22.52	24.36	17.64	21.63	143.67
2	21	22.09	40.60	25.56	24.40	17.61	22.68	152.94
2	21	21.43	40.25	22.72	23.76	16.65	22.40	147.21
2	21	20.24	38.15	22.44	21.36	15.93	22.26	140.38
2	21	19.42	35.84	21.04	20.96	15.48	22.33	135.07
2	21	20.74	39.55	23.28	24.88	20.13	24.08	152.66
2	21	22.04	39.13	24.20	24.32	16.86	22.68	149.23
2	21	19.87	38.99	22.56	22.48	16.35	23.73	143.98
2	21	24.45	40.53	24.44	24.32	15.90	23.10	152.74
2	13	21.12	38.92	24.96	24.32	19.05	22.61	150.98
2	21	22.88	43.47	25.96	25.28	20.40	23.06	161.65
2	21	22.69	47.39	26.72	21.44	19.80	22.12	160.16
2	21	18.18	35.14	20.68	21.20	15.75	21.14	132.09
2	13	21.26	42.63	26.88	25.64	17.46	24.36	158.23
2	21	23.36	46.13	26.44	24.16	17.01	24.43	161.53
2	21	21.04	40.60	22.52	24.00	18.12	24.57	150.85
2	21	23.16	43.61	26.28	27.00	20.85	24.43	165.33
2	21	22.65	46.34	26.56	26.08	18.33	24.64	164.60
2	13	18.34	34.30	21.60	23.60	16.38	23.73	137.95
2	21	24.59	43.47	25.76	23.68	17.91	22.96	158.37
2	21	20.58	38.71	23.00	22.24	16.92	21.77	143.22
2	21	20.78	36.26	22.48	23.60	20.58	22.82	146.52
2	21	22.57	36.82	23.04	23.64	16.62	22.75	145.44
2	21	21.81	42.00	23.72	22.72	18.03	23.03	151.31
2	21	20.09	38.01	22.52	24.16	17.88	22.82	145.48
2	21	21.60	37.94	22.36	21.96	15.42	23.73	143.01
2	21	20.48	39.48	23.92	24.00	17.97	22.47	148.32
2	21	22.72	39.27	24.36	24.52	17.55	24.85	153.27
2	21	20.32	43.26	23.84	23.32	17.28	23.31	151.33
2	21	20.30	39.41	23.92	23.76	18.06	22.19	147.64
2	21	21.35	37.62	22.12	22.60	17.25	23.03	143.87
2	21	19.95	36.75	22.88	22.84	16.44	22.89	141.75
2	21	23.25	46.69	26.84	23.56	18.00	22.40	160.74
2	21	22.28	47.04	26.88	24.20	17.55	21.77	159.72
2	21	18.81	36.89	22.12	25.28	16.23	21.14	140.47
2	21	19.54	40.11	23.56	22.60	17.85	23.52	147.18
2	21	21.49	39.20	25.08	23.96	17.52	21.77	149.02
2	21	21.27	44.38	24.08	24.40	16.77	22.75	153.65
2	21	23.73	42.63	24.04	22.92	18.93	24.99	157.24
2	21	20.57	41.16	24.48	24.32	19.38	23.80	153.71
2	21	22.85	35.28	21.48	22.44	16.20	24.64	142.89
2	21	19.08	39.69	23.36	23.28	19.35	20.30	145.06
2	21	21.93	40.46	24.64	26.24	18.51	21.77	153.55
2	21	20.72	49.07	26.84	22.52	18.75	21.77	159.67

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
155	Rottet, Ralph Kaspar.....	Indiana.....	June 24, 1930	19	4
102	Ruffin, George Champion, jr.....	Virginia.....	June 18, 1930	17	3
36	Rutherford, Reginald.....	District of Columbia.....	June 27, 1930	16	10
465	Sample, Leon Hughes.....	Mississippi.....	June 24, 1930	17	7
183	Sapp, John Wesley, jr.....	Wyoming.....	June 19, 1930	18	11
347	Savidge, Paul Sheppard, jr.....	Washington.....	June 18, 1930	18	1
292	Scanland, Francis Worth, jr.....	Louisiana.....	June 17, 1930	17	9
24	Schantz, Edwin Hillegas.....	Pennsylvania.....	June 19, 1930	19	10
195	Schatz, Otto Carl, jr.....	California.....	June 12, 1930	17	9
119	Scherer, Donald Arthur.....	Florida.....	June 13, 1930	18	9
381	Schnable, Allan George.....	New Jersey.....	June 17, 1930	19	9
384	Schoenweiss, Carl William.....	New York.....	July 16, 1930	18	7
191	Schofield, Leslie Harrison.....	Utah.....	June 18, 1930	16	6
276	Schuessler, Bernard Holstun.....	Alabama.....	June 24, 1930	18	1
61	Schulz, Lester Robert.....	Colorado.....	June 30, 1930	17	3
259	Schwartz, James English.....	Pennsylvania.....	June 12, 1930	19	2
138	Seeds, Elmore Willard.....	Ohio.....	June 18, 1930	18	2
317	Sellars, Robert Frederick.....	Oregon.....	June 24, 1930	20	0
232	Semmes, Benedict Joseph, jr.....	Tennessee.....	June 19, 1930	17	2
244	Shallenberger, Martin Conrad, jr.....	Nebraska.....	June 23, 1930	17	9
303	Shaw, Samuel Robert.....	Ohio.....	July 1, 1930	19	1
332	Sheffield, Fletcher Lamar, jr.....	At large (Pres.).....	June 12, 1930	17	4
237	Shepard, Richard Daniels.....	do.....	June 16, 1930	17	8
127	Shilson, James Starr.....	do.....	July 12, 1930	20	2
244	Shriver, John Frederick.....	New York.....	June 18, 1930	17	0
380	Siddle, Eugene Jordan.....	Wyoming.....	June 19, 1930	20	1
g479	Sidner, Harvey Frederick.....	Illinois.....	June 16, 1930	19	6
*8	Siver, Chester Asa.....	Wisconsin.....	June 19, 1930	18	0
*3	Skjonsby, Verne Leslie.....	North Dakota.....	June 23, 1930	19	8
35	Slack, Leslie Martin.....	Michigan.....	June 16, 1930	20	2
110	Smith, Arthur Chester.....	Massachusetts.....	June 17, 1930	18	9
31	Smith, Bernard Adrian.....	Washington.....	June 16, 1930	19	2
169	Smith, Hinton Ira.....	Ohio.....	June 20, 1930	18	10
235	Smith, James Edward.....	Georgia.....	June 16, 1930	16	6
52	Smith, John Victor.....	Pennsylvania.....	June 30, 1930	18	1
171	Smith, Roy Campbell, 3d.....	New York.....	June 19, 1930	17	1
49	Smith, William Robinson, 3d.....	At large (Pres.).....	June 16, 1930	16	11
205	Smyth, William Astrup.....	Illinois.....	do.....	17	8
g423	Snyder, William Alfred, jr.....	Louisiana.....	June 19, 1930	19	1
51	Solenberger, Earl Kenneth.....	North Dakota.....	Sept. 2, 1930	18	4
224	South, Thomas Winfield, 2d.....	Rhode Island.....	June 20, 1929	18	8
283	Spicer, Henry Calvin, jr.....	Georgia.....	June 30, 1930	17	5
136	Staley, Joseph Jarlathe.....	Ohio.....	June 18, 1929	18	4
461	Stanish, George Francis.....	Montana.....	June 19, 1930	19	5
452	Staples, William David, jr.....	Alabama.....	do.....	18	1
458	Stark, William Weldon, jr.....	Georgia.....	June 16, 1930	18	7
117	Stephan, Charles Robert.....	New York.....	June 25, 1930	18	9
470	Stephens, Stuart.....	Arkansas.....	June 16, 1930	19	8
366	Stevenson, William Alfred.....	Ohio.....	June 19, 1930	19	1
47	Stirling, Cedric Warren.....	California.....	June 12, 1930	18	9
356	Stivers, Joseph Wiley.....	Missouri.....	July 28, 1930	19	4
472	Stone, Archibald, jr.....	New York.....	June 20, 1930	20	2
433	Stone, Lester, Jay.....	California.....	June 27, 1930	19	0
256	Strickler, Lyle Eugene.....	Oklahoma.....	June 18, 1930	18	3
354	Stuart, Richard St. Clair.....	Iowa.....	June 19, 1930	19	6
205	Stulgis, Joseph Edward.....	Washington.....	July 1, 1930	19	10

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	13	22.84	38.85	23.68	25.84	17.91	24.36	153.48
2	13	21.43	47.25	24.92	24.56	17.46	22.47	158.09
2	21	21.80	45.08	27.00	26.88	22.26	22.89	165.91
2	21	18.68	36.26	21.36	22.08	15.78	21.98	136.14
2	21	22.74	41.79	22.80	24.08	15.66	24.71	151.78
2	21	20.44	39.69	22.60	22.96	15.57	22.40	143.66
2	21	22.15	38.64	23.56	23.24	15.69	22.33	145.61
2	21	24.72	50.19	27.64	22.96	18.06	24.22	167.79
2	21	21.94	39.97	23.28	23.16	18.51	24.43	151.29
2	21	22.10	44.52	25.16	24.28	17.37	23.10	156.53
2	21	20.16	36.68	22.44	24.68	16.02	22.54	142.52
2	21	19.08	36.40	21.56	23.52	19.32	22.61	142.49
2	21	21.44	40.46	23.24	23.24	19.98	23.03	151.39
2	21	20.67	39.13	22.64	22.84	18.00	23.24	146.52
2	21	23.16	42.56	26.40	25.56	19.86	24.22	161.76
2	21	20.82	40.67	22.92	21.96	18.21	23.03	147.61
2	21	22.06	40.18	24.76	24.48	19.62	23.87	154.97
2	13	21.84	36.68	21.04	25.32	17.07	22.68	144.63
2	21	22.42	41.58	24.20	21.92	16.83	21.98	148.93
2	21	21.13	40.39	22.72	22.96	17.94	23.10	148.24
2	13	19.22	36.61	22.68	24.04	19.68	23.10	145.33
2	21	21.20	38.92	22.84	22.32	16.38	22.47	144.13
2	21	22.77	38.15	23.92	23.76	15.99	24.01	148.60
2	9	21.20	42.70	25.60	23.88	17.45	24.71	155.52
2	21	21.49	39.06	22.56	22.40	19.98	22.75	148.24
2	21	20.42	37.66	23.40	22.08	15.96	23.03	142.55
2	21	19.61	34.51	21.40	20.68	16.80	21.14	134.14
2	21	25.70	50.26	27.96	24.76	20.34	23.80	172.82
2	21	24.19	51.10	27.60	26.72	21.33	23.59	174.53
2	13	24.63	47.95	26.16	25.00	18.45	23.73	165.92
2	21	20.42	40.81	25.64	26.72	19.68	24.08	157.35
2	21	24.44	45.43	26.56	26.28	18.96	25.13	166.80
2	21	21.45	40.60	24.76	24.20	18.39	23.24	152.64
2	21	21.04	38.71	23.12	23.96	18.99	22.82	148.64
2	9	22.84	44.73	26.32	24.64	20.31	23.94	162.78
2	21	20.72	40.60	24.60	27.16	17.79	21.70	152.57
2	21	24.84	48.16	27.28	24.12	17.55	23.31	163.26
2	21	22.23	39.13	23.92	24.56	16.71	23.94	150.49
2	21	19.47	37.45	21.00	23.44	15.21	23.10	139.67
2	21	23.10	44.59	25.72	24.52	21.78	23.10	162.81
5	14	20.95	41.37	22.24	23.40	16.89	24.43	149.28
2	21	20.11	38.57	22.36	23.40	18.39	23.38	146.21
5	14	21.73	41.23	24.76	24.92	16.89	25.55	155.08
2	21	18.70	35.77	21.08	21.44	15.93	23.52	136.44
2	21	18.41	36.54	20.72	22.40	16.86	22.82	137.75
2	21	19.77	36.54	21.60	21.20	15.96	21.56	136.63
2	21	22.45	41.86	25.48	23.92	20.40	22.75	156.86
2	21	19.65	36.40	21.00	20.84	15.51	22.47	135.87
2	21	19.59	38.22	21.52	23.64	16.35	23.10	142.42
2	21	22.76	42.49	25.72	26.40	22.56	24.43	164.36
2	21	20.04	41.86	22.96	21.08	16.05	21.42	143.41
2	9	18.46	35.98	21.76	22.04	15.66	21.56	135.46
2	21	21.30	36.82	21.88	21.28	16.47	21.49	139.24
2	21	22.19	36.33	22.80	24.80	17.49	24.08	147.69
2	21	23.04	38.57	22.08	20.64	16.35	22.75	143.43
2	21	20.96	41.23	23.44	24.48	16.95	23.24	150.30

Merit roll of the midshipmen of the present second class (class of 1934), for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
279	Sweeney, Albert Earle, 2d.....	Texas.....	June 16, 1930	18	11
145	Sweeney, William Edward.....	New Jersey.....	July 7, 1930	16	7
313	Swift, Douglas McKean.....	Massachusetts.....	June 27, 1930	19	5
90	Taylor, Brown.....	Georgia.....	July 28, 1930	18	1
188	Taylor, Keith Eikenberry.....	Indiana.....	July 8, 1930	17	4
293	Taylor, Leslie Kelly.....	Virginia.....	June 18, 1930	20	0
426	Tharin, Frank Cunningham.....	South Carolina.....	July 21, 1930	19	9
147	Thompson, Harry LeRoy, jr.....	At large (Pres.).....	June 12, 1930	16	8
69	Thompson, Ivan Philip.....	Michigan.....	June 17, 1930	18	1
394	Thompson, Zane, jr.....	Nebraska.....	July 7, 1930	18	2
474	Thurston, Charles Edward, jr.....	New Jersey.....	Aug. 25, 1930	18	10
141	Tibbets, Joe Bonafield.....	West Virginia.....	July 15, 1930	19	5
*10	Tilburne, Edward Roanoke.....	New York.....	June 17, 1930	17	8
357	Torrey, Philip Huston, jr.....	Montana.....	June 25, 1930	17	2
123	Townsend, Robert Lee.....	Texas.....	June 16, 1930	18	10
310	Travis, Franklin Karl.....	Nebraska.....	June 28, 1929	19	2
g	Truxtun, Thomas.....	Connecticut.....	June 23, 1930	16	5
253	Turrentine, Rudolph Andrew.....	Texas.....	June 30, 1930	19	6
243	Upham, Frank Kidder.....	Vermont.....	June 20, 1930	19	6
251	Vadnais, Harry Ward George.....	Minnesota.....	July 28, 1930	20	0
71	Van Arsdall, Clyde James, jr.....	Mississippi.....	June 23, 1930	16	11
276	Van Buskirk, Beverly Robinson.....	Colorado.....	June 19, 1930	20	2
44	Van Leunen, Paul, jr.....	Ohio.....do.....	do.....	17	6
476	Vose, James Everett, jr.....	Rhode Island.....	July 10, 1930	18	1
331	Walker, George Pearson.....	New Jersey.....	June 25, 1930	19	1
73	Walker, William Warren.....	Washington.....	June 30, 1930	19	3
344	Walkup, Benjamin Franklin.....	Indiana.....	June 18, 1930	18	11
316	Walters, Clarence John.....	Idaho.....	July 7, 1930	19	4
429	Ware, Charles Rollins.....	Tennessee.....	June 27, 1930	19	4
294	Watkins, Terry Lynn.....	Texas.....	July 1, 1930	19	3
23	Waybright, John Jennings.....	West Virginia.....	June 17, 1930	18	3
371	Weber, John Edmund.....	Washington.....	July 1, 1930	19	10
309	Welch, George Warren.....	Pennsylvania.....	June 18, 1929	19	6
176	Weller, John Francis.....	New York.....	Sept. 27, 1930	18	8
*5	Wells, George Calvin.....	Kentucky.....	June 28, 1930	18	4
78	Westholm, Rollin Everton.....	Minnesota.....	June 17, 1930	18	10
447	Wheeler, Creighton Lambert.....	Virginia.....	June 27, 1930	20	1
223	Wheeler, Robert Edward.....	South Carolina.....	June 13, 1930	18	1
330	Whitaker, Frank Melvin.....	New York.....	June 23, 1930	20	0
148	Whitaker, Reuben Thornton.....	Arkansas.....	July 7, 1930	18	9
189	White, John Duke.....	California.....	June 28, 1929	19	10
257	White, Marshall William.....	Missouri.....	July 14, 1930	19	3
g437	Whitehead, Lloyd Howell.....	Mississippi.....	June 17, 1930	19	7
438	Wigfall, George Hollingsworth.....	District of Columbia.....	June 19, 1930	18	8
101	Wilcox, William Menefee.....	Texas.....	July 21, 1930	17	9
*2	Wiley, John Preston.....	Indiana.....	July 7, 1930	16	4
280	Williams, Robert Russell, jr.....	New York.....	July 2, 1930	19	0
30	Wilson, John Murray.....	Indiana.....	June 13, 1930	18	5
g451	Wood, Roger Jerome.....	Michigan.....	June 30, 1930	17	7
289	Woodruff, Jackson Avery.....	Connecticut.....	June 19, 1930	18	7
22	Woods, Melvin Winton.....	Colorado.....	June 23, 1930	18	3
445	Worthington, Edward Hicks.....	Maryland.....	June 17, 1930	18	3
120	Wright, James Mahan.....	Mississippi.....do.....	do.....	17	1
302	Zeller, Samuel Francis.....	New York.....	July 21, 1930	17	2
58	Zysk, Stephen.....	do.....	June 30, 1930	18	10

second year of their academic course, 497 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Aptitude for service	Aggregate, second year
Months	Days	Maximum						
		28	56	32	32	24	28	200
2	21	21.37	40.32	24.52	20.88	17.16	22.26	146.51
2	21	21.78	42.14	24.04	24.32	18.18	24.01	154.47
2	21	21.48	36.82	23.48	24.04	15.54	23.31	144.67
2	21	22.80	43.61	25.44	25.28	19.29	22.54	158.96
2	21	22.81	39.90	23.92	24.24	16.50	24.22	151.59
2	21	20.15	38.43	23.08	23.36	16.98	23.59	145.59
2	21	20.06	37.52	21.32	21.84	16.17	22.54	139.45
2	21	21.31	41.44	24.92	25.52	17.64	23.59	154.42
2	21	23.57	43.68	27.40	24.12	17.91	23.87	160.55
2	21	19.91	37.94	23.44	22.32	15.99	22.26	141.86
2	21	18.89	34.44	20.64	21.28	16.32	23.52	135.09
2	21	22.90	39.90	25.52	25.36	17.91	23.10	154.69
2	21	23.22	49.98	27.56	25.96	20.94	24.71	172.37
2	21	19.93	36.89	22.36	23.48	17.22	23.45	143.33
2	21	22.10	42.14	24.08	25.40	18.06	24.08	155.86
2	23	22.17	38.22	22.40	24.24	16.08	21.70	144.81
2	21	20.96	43.61	24.40	(a)	20.07	22.26	Inc.
2	21	20.69	41.16	23.32	22.08	16.08	24.50	147.83
2	21	22.16	38.29	23.20	23.60	17.40	23.31	147.96
2	21	21.86	38.78	23.28	23.36	16.29	24.29	147.86
2	21	23.48	42.21	26.20	24.36	19.95	24.29	160.49
2	21	22.16	37.80	22.76	24.12	16.44	23.24	146.52
2	21	24.34	44.87	27.08	26.84	18.60	22.82	164.55
2	21	18.38	36.05	20.68	20.48	16.92	22.40	134.91
2	21	20.66	37.24	22.72	23.40	17.19	23.03	144.14
2	21	24.04	44.73	26.60	24.80	17.43	22.61	160.21
2	13	21.76	37.73	21.92	24.00	15.96	22.33	143.70
2	21	20.27	37.31	23.32	23.64	16.38	23.73	144.65
2	21	19.87	36.40	20.28	21.68	17.16	23.94	139.33
2	21	21.02	36.82	22.56	23.88	19.08	22.19	145.55
2	13	23.66	46.41	27.60	25.92	19.89	24.92	168.40
2	21	20.04	36.33	22.12	23.92	16.56	23.94	142.91
2	21	21.70	37.03	23.68	23.20	16.32	22.89	144.82
2	21	21.43	41.09	24.68	24.60	17.79	22.68	152.27
2	21	25.05	48.79	28.96	26.44	20.43	23.52	173.19
2	21	23.98	44.94	25.52	24.40	17.91	23.10	159.85
2	21	19.92	36.05	21.68	22.60	15.69	22.19	138.13
2	21	20.99	39.06	22.92	23.48	18.69	24.15	149.29
2	21	21.98	36.47	22.36	22.88	15.69	24.78	144.16
2	21	22.92	42.49	24.68	23.48	17.43	23.31	154.31
2	23	22.35	40.60	23.28	24.16	17.04	24.08	151.51
2	21	21.65	40.60	22.92	21.88	18.12	22.47	147.64
2	21	19.28	35.70	20.76	24.84	16.14	22.19	138.91
2	21	21.76	35.84	21.00	22.04	15.51	22.68	138.83
2	13	21.63	41.37	24.52	25.84	20.40	24.36	158.12
2	21	24.18	50.82	28.72	27.04	20.73	23.17	174.66
2	21	22.68	38.68	24.52	23.96	15.87	22.61	146.32
2	9	22.94	45.43	27.88	26.96	20.76	22.89	166.86
2	21	19.82	35.28	20.04	22.84	15.09	24.85	137.92
2	21	21.07	38.15	22.12	24.48	16.11	23.73	145.66
2	9	24.08	50.68	27.76	23.68	18.51	23.94	168.65
2	21	20.26	34.86	21.08	23.12	15.72	23.31	138.35
2	21	21.93	41.79	25.72	26.24	17.70	22.89	156.27
2	21	19.89	38.01	22.56	23.32	19.05	22.64	145.37
2	21	22.20	43.68	26.00	26.92	20.31	22.82	161.93

Merit roll of the midshipmen of the present third class (class of 1935)

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
74	Abbau, William Conrad	Maryland	June 15, 1931	19	2
371	Adams, Benjamin Ernest, jr.	North Carolina	June 25, 1931	17	4
312	Adams, Edward Lawrence	Virginia	Sept. 21, 1931	19	3
38	Adams, John Pershing	Rhode Island	June 30, 1931	16	11
58	Adams, Samuel	Massachusetts	Aug. 10, 1931	19	4
516	Akers, Frederick William	Indiana	June 16, 1931	20	1
328	Alexander, Charles Coates	Louisiana	June 19, 1931	19	5
511	Anderson, Elmer Dean	Iowa	June 29, 1931	19	7
212	Armstrong, Warren Wilson	Illinois	June 16, 1931	19	4
411	Atkins, Nevett Brooke	At large (Pres.)	June 11, 1931	16	11
g	Atwood, Harry, jr.	Illinois	Aug. 25, 1930	19	3
391	Austin, Marshall Harlan	Oklahoma	June 17, 1931	20	0
304	Ayers, Louis McClellan	Pennsylvania	June 22, 1931	18	3
449	Babb, Richard Edward	Kentucky	July 9, 1931	17	11
516	Badger, Rodney Jenkins	Utah	June 20, 1931	18	11
325	Baird, Leonard James	Iowa	Aug. 24, 1931	20	4
457	Baker, George Towne	Rhode Island	July 7, 1931	17	9
54	Bakutis, Fred Edward	Massachusetts	June 16, 1931	18	7
295	Baldwin, Thomas Appleby	Pennsylvania	June 17, 1931	17	10
311	Ball, Sheldon Ezra	Vermont	June 18, 1931	19	2
*8	Ballinger, Richard Henry	Texas	June 30, 1931	18	5
48	Baranowski, John Joseph	Wisconsin	June 16, 1931	17	9
†424	Barham, Eugene Alexander	Louisiana	June 30, 1930	18	6
231	Barleon, John Sherman, jr.	Kentucky	June 11, 1931	17	8
178	Barnes, William Roy	Iowa	June 15, 1931	18	3
286	Barrows, Frank Lloyd	District of Columbia	June 18, 1931	19	10
284	Bartlett, Wilson Randolph	Washington	June 17, 1931	18	11
*22	Baskett, Thomas Slack	Missouri	July 14, 1931	17	10
271	Bassett, Robert Van Rensselaer, jr.	New York	July 7, 1931	18	5
†526	Bates, Charles Joseph	Illinois	June 19, 1931	18	6
410	Bauer, Louis Hallowell	Pennsylvania	July 9, 1931	19	10
335	Baum, Ralph Jacob	Kansas	June 15, 1931	18	3
383	Beacham, Ralph Ritter	Pennsylvania	June 17, 1931	19	2
519	Beaman, Charles Ross	Illinois	June 18, 1931	19	8
290	Becker, John Joseph	Virginia	July 16, 1931	18	2
249	Beggs, Edwin Stanton, jr.	California	June 16, 1931	19	8
†491	Belden, James Mead	New York	July 7, 1931	19	8
87	Bemis, Edwin Granger	California	June 25, 1931	19	9
77	Bennett, Bradley Frederick	Connecticut	July 1, 1931	19	10
72	Bentley, James Alexander	Illinois	June 11, 1931	18	10
*33	Besson, John Henry, jr.	Oregon	June 18, 1931	18	10
213	Bettens, Warren Joseph	At large (Pres.)	June 11, 1931	18	3
202	Bierman, Charles Oliver	Ohio	June 30, 1931	17	2
†539	Bischoff, Richard Andrew	Illinois	June 19, 1931	18	9
*14	Black, Robert Attick	Pennsylvania	July 7, 1931	17	9
†531	Blitch, Fred Ganahl	Georgia	June 12, 1931	18	8
127	Blohm, Lyle McKenzie	Illinois	June 13, 1930	18	10
492	Blount, Cecil Edward	North Carolina	Aug. 24, 1931	18	8
*2	Bobo, Henry Benson	Mississippi	June 16, 1931	18	6
541	Bogusch, Harry Robert, jr.	Texas	June 22, 1931	18	0
248	Bontier, Albert Marion	Missouri	June 29, 1931	17	8
63	Booth, Blake Buckley	Massachusetts	July 16, 1931	17	3
489	Borries, Fred, jr.	Kentucky	July 2, 1931	19	6
299	Bottoms, John Watson	Florida	June 16, 1931	19	11
336	Boud, Henry Wallace	New Jersey	June 17, 1931	18	6

for the first year of their academic course, 555 members, June, 1932

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	23	10.08	22.02	10.35	12.68	12.40	3.66	11.64	82.83
1	24	8.29	19.55	8.95	11.22	11.86	3.35	11.37	74.59
4	15	9.27	19.76	8.86	11.20	12.88	3.03	10.92	75.92
1	24	10.01	22.34	10.86	13.08	13.06	3.47	11.85	84.67
1	24	8.64	22.19	10.46	12.26	14.38	3.45	11.97	83.35
1	24	8.80	18.49	7.96	10.46	10.30	2.78	10.92	69.71
1	23	7.83	20.11	8.66	11.74	13.66	3.25	10.50	75.75
1	24	8.41	17.95	9.11	10.58	9.72	3.42	10.89	70.08
1	24	8.85	20.49	9.76	12.26	11.62	3.49	11.64	78.11
1	24	8.48	18.28	8.91	11.78	10.98	3.30	12.00	73.73
0	00	(a)	(a)	(a)	(a)	(a)	(a)	(a)	Inc.
1	23	8.67	20.73	8.75	10.60	10.46	3.26	11.70	74.17
1	24	8.49	20.47	9.62	11.36	11.14	3.59	11.37	76.04
1	23	8.11	18.18	8.36	10.76	11.84	3.39	11.94	72.58
0	00	8.09	19.13	8.03	10.74	12.02	3.09	8.61	69.71
1	24	8.48	19.98	8.64	11.64	12.02	3.47	11.55	75.78
1	23	8.03	19.37	8.80	10.66	11.14	3.20	10.98	72.18
1	23	9.95	22.57	10.13	11.90	13.98	3.24	11.88	83.65
1	23	8.11	19.90	8.89	12.18	11.88	3.47	11.79	76.22
1	24	9.88	20.15	9.69	10.70	10.86	3.14	11.52	75.94
1	24	9.44	23.52	11.32	13.86	14.54	3.72	11.94	88.34
1	24	9.21	22.52	11.14	12.60	13.18	3.37	11.88	83.60
4	15	8.23	18.96	8.44	12.28	10.78	3.48	11.25	73.42
1	23	10.10	20.57	9.27	11.58	11.22	3.41	11.43	77.58
1	24	9.39	21.04	10.45	11.92	11.44	3.52	11.37	79.13
1	23	9.88	21.35	8.68	10.60	11.30	3.05	11.52	76.38
1	24	8.29	18.77	8.77	11.92	14.18	3.38	11.10	76.41
1	23	10.12	23.69	10.16	13.56	13.88	3.24	11.31	85.96
1	23	7.79	19.32	8.99	11.92	13.60	3.16	11.88	76.66
0	00	7.57	17.14	8.08	10.40	10.92	3.14	11.85	69.10
1	24	9.59	20.18	8.29	10.86	10.56	3.17	11.10	73.75
1	24	10.86	20.68	9.24	10.98	10.20	2.96	10.71	75.63
1	24	8.53	19.62	9.31	11.16	10.90	3.04	11.79	74.35
1	24	8.40	18.25	8.07	10.32	11.06	3.01	10.50	69.61
1	24	9.14	19.85	8.85	11.60	11.86	3.44	11.58	76.32
1	24	9.28	20.19	9.12	11.44	12.06	3.53	11.52	77.14
0	00	7.64	18.56	7.19	11.20	11.74	3.04	11.61	70.98
1	23	9.21	21.73	10.38	12.72	13.20	3.53	11.58	82.35
1	24	8.48	23.32	10.69	12.76	12.54	3.67	11.31	82.77
1	14	10.33	22.96	10.41	12.02	12.00	3.39	11.76	82.87
1	23	10.26	23.50	10.58	12.06	14.36	3.31	11.04	85.11
1	24	8.16	19.91	9.48	11.52	14.34	3.02	11.67	78.10
1	24	9.26	20.99	9.32	12.04	11.68	3.22	11.88	78.39
1	24	7.36	18.36	7.80	10.48	11.28	3.12	9.36	67.76
1	23	10.76	23.76	10.89	12.26	13.84	3.37	12.00	86.88
0	00	7.10	17.06	7.90	11.28	10.30	3.25	11.97	68.86
4	15	8.94	22.27	9.40	11.14	13.78	3.29	11.94	80.76
1	23	8.54	18.19	8.83	10.54	11.14	3.22	10.50	70.66
1	23	10.30	26.35	11.21	13.86	13.70	3.38	11.76	90.56
1	24	7.76	18.18	7.93	10.90	10.86	2.95	8.76	67.34
1	24	9.96	19.98	8.89	11.90	11.44	3.64	11.37	77.18
1	23	9.34	21.79	9.29	12.86	14.26	3.49	11.94	82.97
1	24	8.16	18.75	8.60	10.14	10.86	2.83	11.70	71.04
1	23	8.19	19.92	8.88	12.16	11.68	3.58	11.70	76.11
1	24	8.52	19.80	8.77	11.02	12.54	3.33	11.61	75.59

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
338	Bowers, William C.....	Illinois.....	June 16, 1931	19	3
478	Bowker, Albert Heritage.....	Pennsylvania.....	do.....	18	9
128	Boyle, Peter Frederick.....	Illinois.....	June 27, 1930	19	5
218	Brandt, John Henry.....	Washington.....	June 18, 1931	18	6
514	Bridewell, Edward William.....	Arkansas.....	June 11, 1931	19	0
271	Briggs, Chester Arthur.....	Indiana.....	July 7, 1931	18	1
106	Bright, Graham Paul.....	Pennsylvania.....	June 17, 1931	18	9
250	Bristol, Richard Sperry.....	do.....	June 11, 1931	18	8
435	Brock, Fenelon Avelhe.....	Maine.....	June 15, 1931	18	0
520	Brogger, Lloyd Christian.....	Minnesota.....	June 16, 1931	17	11
36	Brooks, Frederic Wilder.....	New Mexico.....	June 17, 1931	20	1
469	Browder, Joseph Briggs.....	Tennessee.....	June 29, 1931	18	11
431	Brown, James Harvey.....	South Dakota.....	June 19, 1931	18	6
161	Brown, Thomas Avner.....	Michigan.....	June 22, 1931	18	9
†530	Bucken, George Bond.....	New York.....	June 17, 1931	18	2
110	Budd, Romondt.....	New Jersey.....	July 27, 1931	18	9
*4	Burdick, Robert Stewart.....	Kansas.....	June 16, 1931	18	7
339	Burns, Richard Houghton.....	Minnesota.....	do.....	18	5
209	Cain, Woodrow Wilson.....	Kentucky.....	June 29, 1931	17	9
393	Cairnes, George Henry.....	Maryland.....	June 19, 1931	18	11
537	Caldwell, Turner Foster, jr.....	At large (Pres.).....	June 12, 1931	17	7
135	Cameron, George Robert.....	Ohio.....	June 25, 1931	17	8
208	Campbell, Grafton Blair.....	Washington.....	June 16, 1931	19	3
46	Carpenter, Stephen Wriston.....	North Carolina.....	June 17, 1931	19	6
†474	Carson, Edward Bruce.....	Illinois.....	June 11, 1931	18	10
226	Carter, Clark Randolph.....	California.....	Aug. 24, 1931	19	10
309	Chipman, Briscoe.....	Massachusetts.....	June 16, 1931	17	10
142	Christian, Charles David, jr.....	Mississippi.....	June 17, 1931	17	11
465	Christie, Gerald Louis.....	Montana.....	July 9, 1931	19	6
385	Claggett, Bladen Dulany.....	Virginia.....	June 17, 1931	18	6
414	Clark, James Seerley.....	Iowa.....	June 16, 1931	18	8
432	Clark, William Chapin.....	do.....	do.....	18	5
55	Clay, Donald Noble.....	Pennsylvania.....	June 12, 1931	17	10
†	Clayton, Marvin Clyde.....	Kentucky.....	June 18, 1931	19	11
295	Clegg, Glenn William.....	Utah.....	July 7, 1931	20	1
56	Clift, Giles Denham.....	Michigan.....	June 19, 1931	19	5
44	Cline, John Burnett.....	Illinois.....	June 15, 1931	19	0
144	Cochran, Dale Eugene.....	Nebraska.....	Aug. 24, 1931	20	4
321	Coffin, Howard Cecil.....	Kansas.....	June 15, 1931	17	9
*29	Cole, Cyrus Churchill.....	California.....	July 13, 1931	17	11
210	Conkey, George Lissant.....	Missouri.....	June 16, 1931	18	3
382	Consolvo, Charles Willard.....	North Carolina.....	July 2, 1931	19	8
471	Cooke, Alexander.....	Arkansas.....	June 11, 1931	19	0
59	Cosgrove, John Joseph, jr.....	Rhode Island.....	June 18, 1931	18	1
50	Cotten, John Henderson.....	North Carolina.....	Aug. 24, 1931	18	2
235	Cown, Julian Blanchard.....	Georgia.....	June 16, 1930	18	6
251	Cox, Ray.....	Wisconsin.....	June 23, 1931	16	5
166	Crawford, George Alvin.....	Iowa.....	June 16, 1931	19	4
330	Crosby, John Barnes.....	New York.....	June 17, 1931	17	3
120	Crowther, James White.....	Massachusetts.....	June 29, 1931	19	2
292	Cummins, Thomas David.....	At large (Pres.).....	June 11, 1931	18	0
150	Curtis, John Okell.....	Pennsylvania.....	June 16, 1931	18	4
*30	Cushman, Robert Everton, jr.....	Minnesota.....	June 17, 1931	16	6
427	Cutter, Slade Deville.....	Illinois.....	June 15, 1931	19	6
196	Darwin, Fred Arrants.....	Tennessee.....	June 18, 1931	18	1

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	24	9.41	19.59	9.07	11.72	11.36	3.18	11.22	75.55
1	23	8.05	18.59	8.25	10.94	12.24	3.25	10.11	71.43
1	24	9.65	20.86	10.02	11.62	13.12	3.45	12.00	80.72
1	24	9.04	21.12	9.65	11.46	12.14	3.21	11.31	77.93
1	23	7.69	18.05	8.29	10.32	10.78	3.09	11.61	69.83
1	24	8.70	20.83	9.15	11.48	11.90	3.17	11.43	76.66
1	23	9.99	21.80	9.26	11.92	13.14	3.56	11.88	81.56
1	23	9.08	20.62	9.59	11.28	11.30	3.53	11.73	77.13
1	24	9.69	18.63	8.80	11.36	10.00	3.18	11.43	73.09
1	24	8.36	17.88	8.26	10.32	10.34	2.95	11.40	69.51
1	24	8.08	21.87	10.89	13.32	15.34	3.43	11.88	84.81
1	24	8.69	19.23	8.73	10.32	10.103	3.08	11.58	71.73
1	24	8.48	18.78	9.18	11.02	11.42	3.15	11.16	73.19
1	24	9.61	20.21	9.92	12.12	13.40	3.27	11.01	79.54
0	00	7.90	16.82	7.70	10.88	11.46	3.22	10.92	68.90
1	24	8.98	21.15	9.75	12.06	13.94	3.63	11.94	81.45
1	23	10.62	25.69	11.01	13.12	13.98	3.32	11.85	89.59
1	24	8.18	19.54	8.84	12.38	11.50	3.32	11.70	75.46
1	24	9.85	22.17	10.79	11.30	11.36	3.31	9.39	78.17
1	23	8.69	20.11	9.05	10.34	11.76	3.12	11.07	74.14
1	24	8.54	17.54	7.84	10.94	9.92	3.14	10.26	68.18
1	23	9.04	21.69	9.69	11.68	13.52	3.20	11.76	80.58
1	24	8.10	20.14	9.52	11.66	14.32	3.06	11.43	78.23
1	23	9.62	23.16	10.60	12.42	13.00	3.25	11.97	84.02
1	24	9.66	17.59	8.67	10.38	10.34	3.22	11.73	71.59
1	24	9.01	20.20	9.16	11.20	13.04	3.18	12.00	77.79
1	23	7.89	19.21	8.46	12.16	13.42	3.32	11.52	75.98
1	23	9.58	22.04	9.56	11.90	12.60	2.91	11.79	80.38
1	24	7.65	18.23	8.41	10.86	11.18	3.74	11.73	71.80
1	23	8.32	20.33	8.99	11.04	10.90	3.06	11.64	74.28
1	23	8.78	19.58	8.69	10.74	11.42	3.05	11.43	73.69
1	24	8.49	19.65	8.56	10.72	11.24	2.99	11.52	73.17
1	23	9.73	21.82	10.33	12.22	14.06	3.32	11.97	83.45
0	00	(a)	(a)	(a)	(a)	(a)	3.28	12.00	Inc.
1	24	9.80	19.52	8.47	11.54	11.68	3.48	11.73	76.22
1	24	11.14	23.51	10.03	12.00	11.54	3.27	11.94	83.43
1	23	10.15	23.18	10.34	13.02	12.06	3.50	11.82	84.07
1	24	9.97	22.02	9.40	11.32	12.44	3.16	12.00	80.31
1	24	8.97	19.53	8.48	11.72	12.32	3.33	11.49	75.84
1	24	10.29	23.96	10.41	12.08	14.02	3.46	11.13	85.35
1	23	8.68	21.15	9.18	11.30	12.94	3.44	11.46	78.15
1	24	8.59	20.05	8.60	10.36	11.72	3.43	11.61	74.36
1	24	8.94	18.01	8.26	11.64	10.40	3.28	11.13	71.66
1	24	8.16	22.14	10.49	13.46	13.72	3.46	11.88	83.31
1	23	9.71	21.71	9.48	13.36	14.54	3.07	11.70	83.87
4	14	8.95	20.92	9.47	10.90	12.76	3.01	11.52	77.53
1	23	8.69	21.88	9.26	11.46	12.06	3.21	10.50	77.06
1	24	8.52	21.12	9.44	11.84	13.28	3.52	11.76	79.48
1	23	9.09	18.51	9.35	11.26	13.24	2.97	11.31	75.73
1	24	9.57	20.10	10.02	12.58	13.64	3.47	11.76	81.14
1	24	9.24	19.11	8.89	11.96	11.88	3.44	11.73	76.25
1	24	9.17	21.48	9.87	12.24	12.54	3.14	11.70	80.14
1	23	9.74	24.14	10.12	13.36	13.26	3.43	11.25	85.30
1	24	8.66	18.80	8.69	11.38	11.30	3.14	11.40	73.37
1	24	8.45	20.04	9.25	12.28	13.54	3.32	11.73	78.61

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
64	Davis, George Elliott, jr.....	New York.....	June 20, 1931	17	7
288	Davis, Joel Archibald, jr.....	do.....	June 30, 1931	17	1
323	Davis, Leonard Kier.....	Illinois.....	June 23, 1931	18	0
353	Decker, Arthur Turn.....	Pennsylvania.....	July 6, 1931	19	6
304	Decker, Stiles Morrow, jr.....	Texas.....	June 17, 1931	17	9
101	Denby, Edwin, jr.....	Michigan.....	July 8, 1930	18	1
343	Denney, Edward Francis.....	New York.....	July 27, 1931	18	3
370	Denny, Leo Clyde, jr.....	Mississippi.....	July 3, 1931	18	11
95	Detweiler, Louis Mitchell.....	Illinois.....	June 15, 1931	18	10
*19	Dillen, Roscoe Franklin, jr.....	Indiana.....	June 26, 1931	17	4
436	Dinwiddie, Alva Wright.....	Missouri.....	June 17, 1931	17	1
267	Dodge, Sherwood Higby.....	Wyoming.....	June 18, 1931	18	5
77	Doll, Raymond Englebert.....	Rhode Island.....	July 9, 1931	17	3
1540	Donohue, Daniel James.....	Montana.....	June 18, 1931	19	9
81	Dornin, Robert Edson.....	California.....	June 11, 1931	18	5
287	Dorsey, Elmer Thomas.....	Colorado.....	June 29, 1931	19	7
278	Doster, George Parrish.....	Georgia.....do.....	do.....	17	2
481	Dougherty, Joseph Edward.....	Pennsylvania.....	July 8, 1931	18	3
400	Doukas, Nicholas George.....	Maine.....	June 25, 1931	19	1
485	Downing, John Gregory.....	Minnesota.....	June 17, 1931	17	10
297	Dowsett, Frederick Richard.....	Michigan.....	June 16, 1931	19	8
377	Dunkle, Bernard Edward.....	Illinois.....	June 19, 1931	19	11
258	East, Walter J., jr.....	Indiana.....	June 16, 1931	17	7
*21	Edge, Lawrence Lott.....	Georgia.....	June 11, 1931	18	7
356	Edmands, Allan Christie.....	Massachusetts.....	June 17, 1931	20	0
1544	Eggers, Maynard Woodrow.....	South Dakota.....	June 18, 1931	18	3
*13	Eichmann, John Holbrook.....	Idaho.....	June 16, 1931	18	0
199	Ely, Arthur Vincent.....	Pennsylvania.....	July 9, 1931	19	4
454	Emmons, Harold Leonard, jr.....	Maine.....	June 16, 1931	19	0
420	Ennis, John Matthew.....	Iowa.....	July 7, 1931	18	6
427	Eppes, James Bancroft, jr.....	Georgia.....	June 11, 1931	18	4
96½	Eppes, Marion Henry.....	Alabama.....do.....	do.....	19	0
415	Erskine, Donald Wallace.....	Massachusetts.....	June 16, 1931	20	1
64	Eslick, Mark, jr.....	Tennessee.....	June 19, 1930	19	1
215	Evans, William Thomas.....	do.....	June 23, 1930	19	2
289	Ewald, Christian Leonard.....	Minnesota.....	June 16, 1931	18	8
536	Fadem, Charles.....	Missouri.....	June 17, 1931	18	3
470	Farrell, Richard Marvin.....	New York.....	June 23, 1931	19	3
*10	Fee, John Jerome.....	Rhode Island.....	July 9, 1931	17	9
448	Ferguson, Jack Cates.....	Texas.....	June 18, 1931	17	11
*23	Finnigan, Oliver Davis, jr.....	Pennsylvania.....do.....	do.....	17	9
1455	Fite, William Conyers, jr.....	Nevada.....	June 17, 1931	18	8
362	Fitzgerald, Maurice Frederick.....	Wisconsin.....	June 18, 1931	18	11
417	Fitzpatrick, James Francis, jr.....	New York.....	Aug. 24, 1931	19	8
167	Flachsenhar, John Jay.....	Minnesota.....	June 29, 1931	17	1
154	Fletcher, John Stuart.....	California.....	June 16, 1931	19	11
70	Fluckey, Eugene Bennett.....	Illinois.....	June 17, 1931	17	8
139	Foote, John Joseph.....	New York.....	June 11, 1931	16	10
151½	Foster, Clifford Smith, jr.....	Virginia.....	June 19, 1931	17	1
210	Foster, Robert Coleman, jr.....	Texas.....	June 18, 1931	18	6
112	Foust, Charles Edward.....	Tennessee.....	June 23, 1931	17	10
40	Francis, William Joseph, jr.....	West Virginia.....	June 30, 1931	17	8
503	Franks, Daniel Wells.....	Georgia.....	June 11, 1931	18	11
110	Freeman, Mason Behr.....	Illinois.....	July 27, 1931	17	6
62	Freeman, Ross Edmunston.....	South Carolina.....	Aug. 24, 1931	19	6

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aerona- utics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	23	8.64	23.53	9.87	11.60	14.42	3.32	11.58	82.96
1	24	8.48	20.01	8.57	11.80	13.20	3.22	11.07	76.35
1	24	8.97	20.39	9.17	11.42	11.12	3.26	11.46	75.79
1	23	8.52	18.56	9.45	11.14	12.62	3.02	11.91	75.22
1	24	9.62	19.47	8.63	11.22	12.74	3.26	11.10	76.04
1	23	9.86	20.44	9.41	12.66	14.16	3.30	11.82	81.65
1	23	9.14	20.75	8.41	10.42	12.36	3.12	11.16	75.36
1	24	8.25	19.33	9.33	11.14	11.62	3.13	11.82	74.62
1	24	8.70	22.73	10.27	12.08	12.86	3.39	11.94	81.97
1	23	10.11	23.19	10.74	12.66	14.40	3.44	11.88	86.42
1	23	8.37	18.04	8.13	11.20	12.36	3.30	11.67	73.07
1	24	9.18	20.47	8.70	11.34	11.76	3.26	12.00	76.71
1	24	9.36	20.73	10.16	13.04	14.32	3.49	11.67	82.77
0	00	7.90	17.21	8.16	10.02	10.24	2.92	10.92	67.37
1	24	9.29	21.26	9.15	12.84	14.64	3.75	11.58	82.51
1	24	8.83	21.33	9.29	11.04	11.12	3.18	11.58	76.37
1	24	7.99	19.27	8.83	11.72	13.74	3.47	11.46	76.48
1	24	8.00	19.62	8.40	10.74	11.48	3.12	9.99	71.35
1	23	7.99	18.63	8.25	11.06	13.00	3.11	12.00	74.04
1	23	8.28	18.63	8.51	11.38	10.58	2.78	11.04	71.20
1	23	9.47	20.39	9.25	10.90	12.26	3.27	10.59	76.13
1	24	8.93	18.48	9.13	11.58	11.20	3.43	11.76	74.51
1	23	9.59	20.93	8.32	11.98	12.00	2.85	11.25	76.92
1	23	9.94	24.73	10.62	12.96	12.76	3.53	11.43	85.97
1	23	9.14	21.95	8.79	10.40	10.40	2.84	11.64	75.16
0	00	7.60	15.04	7.21	10.86	9.64	3.44	11.85	65.64
1	24	9.87	24.51	11.16	13.18	13.42	3.13	11.91	87.18
1	24	8.65	19.56	9.51	12.36	13.36	3.22	11.82	78.48
1	23	8.72	19.19	8.43	10.44	11.80	2.91	11.01	72.50
1	24	8.85	18.65	8.78	12.18	10.64	3.19	11.22	73.51
1	23	8.27	19.35	8.12	10.86	11.46	3.34	11.97	73.37
1	23	9.41	22.78	10.03	12.36	12.36	3.39	11.61	81.94
1	24	9.21	19.06	8.32	10.92	11.36	3.22	11.58	73.67
1	24	9.10	22.39	8.71	13.14	14.64	3.25	11.73	82.96
1	23	8.25	20.60	9.93	11.64	12.44	3.37	11.79	78.02
1	24	8.32	19.42	9.81	12.30	11.48	3.28	11.73	76.34
1	24	7.94	18.16	8.61	10.64	10.46	3.39	9.15	68.35
1	23	8.92	18.49	8.45	10.86	10.90	2.95	11.13	71.70
1	24	9.11	24.00	10.58	13.92	15.18	3.48	11.73	88.00
1	24	7.95	18.44	8.31	11.20	11.84	3.21	11.64	72.59
1	23	9.30	22.70	10.43	14.12	14.36	3.47	11.49	85.87
1	24	8.04	17.64	8.74	12.50	11.72	3.48	10.35	72.47
1	24	9.12	19.69	8.77	11.50	10.88	3.22	11.79	74.97
1	24	8.12	19.84	8.05	11.16	12.38	3.14	10.95	73.64
1	23	9.45	20.54	10.29	12.10	11.84	3.67	11.58	79.47
1	23	10.01	20.48	9.87	13.16	11.46	3.65	11.19	79.82
1	23	9.22	23.31	9.66	12.10	13.22	3.59	11.82	82.92
1	23	9.45	22.00	9.75	11.58	13.06	3.24	11.34	80.42
1	24	8.89	20.14	9.70	13.14	13.18	3.27	11.76	80.08
1	24	10.16	20.50	9.36	12.52	11.54	3.15	10.92	78.15
1	24	9.73	20.24	9.26	13.28	13.54	3.51	11.88	81.44
1	24	9.84	22.98	10.27	12.76	13.74	3.22	11.61	84.42
1	24	7.53	18.84	8.07	10.22	10.82	3.03	11.88	70.39
1	24	8.66	21.90	10.10	12.58	13.20	3.25	11.76	81.45
1	24	10.03	21.72	9.91	12.16	13.98	3.37	11.88	83.05

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
266	Fuller, Arthur Stanley.....	Maryland.....	June 17, 1931	18	5
280	Fuller, George Stewart.....	Virginia.....	June 30, 1931	18	11
458	Gabbert, John Sterett Crittenden.....	Kentucky.....	July 7, 1931	19	7
242	Gadrow, Victor Marvin.....	Rhode Island.....	June 17, 1931	18	1
90	Gage, Norman Dwight.....	New Hampshire.....	June 15, 1931	18	11
445	Gaillard, William Edward.....	New York.....	July 4, 1931	19	1
421	Gallagher, John Francis Philbin.....	Delaware.....	June 19, 1931	18	0
240	Gambacorta, Francis Michael.....	Massachusetts.....	June 24, 1931	18	0
394	Gardner, Earle Grace, jr.....	Alabama.....	July 27, 1931	18	3
109	Gay, Jesse Bishop, jr.....	At large (Pres.).....	June 12, 1931	16	4
170	Gayler, Noel Arthur Meredyth.....	do.....	do.....	16	6
136	Gearing, Henry Chalfant, 3d.....	Pennsylvania.....	Aug. 26, 1931	19	0
221	Germershausen, William Joseph, jr.....	Maryland.....	June 13, 1931	19	11
97	Gerwick, John Day.....	Ohio.....	June 22, 1931	18	4
484	Gibson, Edward Banks, jr.....	North Carolina.....	June 11, 1931	17	2
371	Giesser, Arthur Arlo.....	California.....	June 22, 1931	19	2
356	Gillmer, Thomas Charles.....	Ohio.....	Aug. 24, 1931	20	1
4521	Gilmore, Durward Wilson.....	Missouri.....	June 17, 1931	19	6
371	Gimber, Stephen Henry.....	Pennsylvania.....	do.....	18	3
283	Goldberg, Herschel Joseph.....	Missouri.....	June 16, 1931	18	1
361	Good, George Devereaux.....	Indiana.....	June 22, 1931	18	2
173	Gorham, Alonzo Dumay.....	North Carolina.....	June 18, 1930	18	1
4543	Gowell, Gerald Elbert.....	Michigan.....	June 15, 1931	20	0
140	Grady, John Edward.....	New York.....	do.....	18	0
398	Green, Daniel Benton.....	Michigan.....	June 16, 1931	19	11
98	Gruger, John Narberth.....	Washington.....	July 7, 1931	18	1
84	Gruner, William Philip, jr.....	Missouri.....	Aug. 24, 1931	17	11
298	Guest, William Selman.....	Georgia.....	July 2, 1931	18	0
*15	Hack, John Adrian.....	Ohio.....	June 17, 1931	18	1
467	Hale, Richard Benton.....	Texas.....	June 18, 1931	18	9
447	Hansen, James Richard.....	Indiana.....	June 20, 1931	18	3
185	Harden, Hubert Boyd.....	Nebraska.....	June 16, 1931	19	7
346	Harlfinger, Frederick Joseph, 2d.....	New York.....	July 9, 1931	17	10
123	Harmer, Richard Emerson.....	Washington.....	June 17, 1931	19	7
*20	Harrell, Dewitt Allen.....	North Carolina.....	do.....	18	8
275	Hatcher, Martin Teaford.....	Virginia.....	do.....	18	4
444	Hathaway, Amos Townsend.....	California.....	June 16, 1931	17	6
504	Hattan, Mark.....	Tennessee.....	July 15, 1931	18	2
214	Hauck, Philip Frederick.....	New York.....	June 16, 1931	17	10
384	Hazzard, William Hockett.....	California.....	June 17, 1931	18	10
317	Headland, Edwin Harvey.....	North Dakota.....	July 15, 1931	19	8
94	Heath, John Andrew.....	Illinois.....	June 17, 1931	18	8
269	Hedgecock, Leonard Ward.....	California.....	Sept. 13, 1930	20	5
322	Hemphill, Bruce Tillman.....	Mississippi.....	July 13, 1931	19	0
68	Hendricks, Gordon Eugene.....	Michigan.....	July 7, 1931	17	10
462	Henley, Malcolm Eugene.....	Tennessee.....	June 17, 1931	19	3
307	Henry, Thomas Henley.....	Alabama.....	June 16, 1931	18	0
406	Henry, Walter Franklin.....	Missouri.....	June 20, 1931	19	7
57	Herold, Frank Beverly.....	do.....	June 22, 1931	19	1
107	Hess, Franklin Grant.....	California.....	June 12, 1931	19	9
282	Heurlin, Lennart Robert.....	Massachusetts.....	July 9, 1931	17	6
368	Hickey, Dermott Vincent.....	Pennsylvania.....	June 17, 1931	19	5
229	Higginbotham, Grover Stanley.....	Virginia.....	July 1, 1931	16	6
152	Hilger, Ted Adair.....	Texas.....	June 19, 1931	18	9
506	Hinckley, Robert Messinger, jr.....	Minnesota.....	June 24, 1931	17	9

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	24	7.79	18.45	8.90	13.34	14.18	3.17	10.92	76.75
1	23	9.26	19.93	8.99	11.40	13.24	3.54	10.11	76.47
1	24	8.26	19.14	8.52	10.50	10.60	3.42	11.73	72.17
1	23	8.67	21.96	9.94	10.44	11.28	3.22	11.82	77.33
1	24	8.49	21.33	10.52	12.86	13.80	3.47	11.73	82.20
1	23	7.82	17.98	8.24	11.84	12.36	2.98	11.91	72.63
1	23	7.78	18.69	8.62	11.94	12.30	2.78	11.37	73.48
1	23	7.69	19.65	8.58	11.60	15.14	3.27	11.49	77.42
1	23	8.38	18.27	8.50	11.90	12.18	3.22	11.67	74.12
1	23	9.54	21.77	10.07	12.10	12.94	3.48	11.58	81.48
1	23	8.89	21.40	10.49	13.26	10.88	3.39	11.01	79.32
1	23	8.45	22.69	9.93	12.46	11.86	3.54	11.58	80.51
1	23	9.47	20.30	9.06	11.70	12.96	3.10	11.25	77.84
1	23	9.05	21.66	10.50	12.80	13.00	3.43	11.46	81.90
1	23	7.67	18.15	8.02	11.14	12.02	3.05	11.19	71.24
1	24	9.19	18.36	9.02	10.92	12.28	3.30	11.52	74.59
1	24	10.09	19.46	8.41	11.40	11.36	2.89	11.55	75.16
1	24	8.40	17.48	8.09	10.38	10.32	2.98	11.79	69.44
1	24	8.22	19.58	8.43	11.32	12.54	3.37	11.13	74.59
1	23	9.63	21.25	8.58	11.62	10.48	3.13	11.73	76.42
1	24	9.23	20.23	8.82	11.46	10.90	3.25	11.13	75.02
4	14	8.76	20.26	10.11	11.80	12.92	3.39	11.97	79.23
0	00	8.12	16.91	7.70	9.90	10.36	2.99	10.83	66.81
1	23	8.69	22.80	9.28	11.92	13.62	3.27	10.83	80.41
1	23	8.54	19.36	8.77	10.96	11.22	3.38	11.82	74.05
1	23	8.93	21.25	10.24	12.82	13.44	3.42	11.79	81.89
1	23	10.01	22.91	9.38	11.98	12.66	3.63	11.82	82.39
1	23	8.39	19.48	9.25	11.64	12.46	3.50	11.40	76.12
1	24	10.10	24.08	10.67	13.10	13.62	3.58	11.64	86.79
0	00	7.58	17.58	8.08	12.80	10.46	3.36	11.88	71.74
1	24	9.39	17.66	8.26	11.42	10.36	3.54	11.97	72.60
1	24	9.62	20.28	9.55	11.62	12.64	3.45	11.64	78.80
1	24	8.04	18.98	9.23	11.94	11.98	3.39	11.79	75.35
1	24	9.44	21.58	9.73	11.76	13.78	3.30	11.37	80.96
1	23	9.68	22.97	10.70	14.02	13.44	3.62	11.94	86.37
1	23	8.23	20.64	9.43	11.74	12.00	3.00	11.52	76.56
1	23	8.06	18.92	8.81	11.58	10.32	3.44	11.52	72.65
1	24	8.32	18.19	7.94	10.78	11.06	2.93	11.16	70.38
1	24	8.23	19.95	8.47	11.76	14.76	3.36	11.52	78.05
1	24	8.27	19.71	8.75	11.46	10.76	3.36	12.00	74.31
1	24	8.30	19.35	9.03	12.86	11.10	3.55	11.67	75.86
1	24	10.23	20.97	9.15	12.28	14.54	3.43	11.46	82.06
1	24	10.25	19.41	8.83	11.32	12.18	3.23	11.46	76.68
1	24	7.95	20.92	8.54	11.92	11.88	3.15	11.46	75.82
1	24	10.03	22.94	10.12	11.58	12.66	3.67	11.94	82.94
1	24	8.35	19.26	8.68	10.52	11.02	2.73	11.40	71.96
1	23	8.20	20.23	8.92	12.24	11.66	3.00	11.76	76.01
1	24	8.32	19.48	8.72	11.28	10.96	3.32	11.82	73.90
1	23	10.85	23.72	10.37	11.96	11.48	3.35	11.64	83.37
1	23	10.36	21.46	9.94	12.38	12.66	2.98	11.76	81.54
1	23	8.07	18.48	9.00	12.16	13.62	3.40	11.73	76.46
1	24	7.88	18.83	8.78	12.72	11.26	3.28	11.94	74.74
1	23	8.69	19.82	10.27	12.10	11.56	3.30	11.94	77.68
1	24	10.08	21.90	10.28	11.54	11.12	3.49	11.61	80.02
1	23	8.20	19.24	8.01	10.54	10.66	3.06	10.65	70.36

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
3522	Hinxman, Chester Eugene	Massachusetts	June 17, 1931	19	2
218	Hird, Louis Rittenhouse	At large (Pres.)	June 11, 1931	17	10
177	Holmes, Merlyn Donald	Minnesota	June 29, 1931	17	3
395	Holmes, Robert Henderson	New York	June 17, 1931	18	2
302	Holmshaw, Harry Fred, jr	Nevada	do	18	0
496	Hood, Clark Alexander, jr	Texas	June 18, 1931	18	10
35	Hoover, Charles David	Pennsylvania	June 17, 1931	18	4
313	Hopiak, Alfred Arthur	New York	do	20	2
351	Howe, Robert Edwin	P. A. 348 (Pres.)	June 30, 1931	18	11
1527	Howell, Parker McClure	California	June 18, 1931	19	1
187	Hughes, Richard Donald	Kansas	June 17, 1931	19	9
175	Hunt, Richard Clayton	Alabama	June 16, 1930	18	10
1498	Hunter, John Charles	Pennsylvania	June 17, 1931	19	9
42	Husband, Alexander Chapman	New York	July 18, 1931	17	4
201	Hutchinson, George	Massachusetts	June 15, 1931	19	3
118	Hyland, William Walker	do	July 2, 1931	17	3
*26	Ingersoll, Albert Converse, jr	Ohio	June 16, 1931	18	2
486	Irving, Ronald Karl	New York	July 18, 1931	18	11
237	Isberg, Albert Leonard	Wisconsin	June 17, 1931	19	10
103	Islev-Petersen, Harold Jens	California	July 13, 1931	19	4
198	Jack, Richard Gordon	Ohio	June 16, 1931	17	6
303	Jackson, Robert Woods	Wisconsin	June 18, 1931	17	5
193	Jackson, William Gauss, jr	Illinois	June 16, 1931	18	10
101	Jay, John LaVerne	Wisconsin	June 25, 1931	19	0
488	Jennings, Carter Brooke	At large (Pres.)	June 11, 1931	18	9
228	Johansson, Karl Erik	Illinois	June 18, 1931	20	1
*3	Johnston, Arnold Ford	do	June 16, 1931	18	8
207	Johnston, James Lamont	Kentucky	June 29, 1931	17	8
477	Jordan, Enoch Pope, jr	Georgia	Aug. 24, 1931	19	3
534	Jordan, Harry Philip, jr	Texas	June 18, 1931	19	1
291	Jordy, Jules James	Louisiana	June 12, 1931	17	8
153	Kaigler, David, jr	Alabama	June 25, 1931	17	9
207	Kail, Robert Belden	Ohio	June 19, 1931	19	6
440	Karaberis, Constantine Arthur	New Hampshire	July 7, 1931	18	11
184	Kear, Carleton Romig, jr	Virginia	Aug. 25, 1931	16	7
168	Keats, Edgar Salo	Illinois	June 11, 1931	16	4
365	Keithly, Roger Myers	Missouri	June 16, 1931	19	9
529	Kelly, Paul William	Ohio	July 18, 1931	20	1
328	Kelly, Robert Bolling	Connecticut	July 16, 1931	18	1
185	Kilroy, John Palmer	Illinois	June 15, 1931	18	9
354	Kimmel, Manning Marius	Kentucky	June 16, 1931	18	2
490	Kinsley, Frederic William	New Jersey	June 29, 1931	18	2
498	Kintz, Harry Ira	Colorado	June 12, 1931	18	10
197	Kirkpatrick, Raleigh Crittenden, jr	Louisiana	June 16, 1931	17	3
430	Klein, Doyen	Nevada	June 11, 1931	17	3
182	Klinker, Roy Craig	California	June 19, 1931	19	0
438	Knapper, John Kelley	Pennsylvania	June 17, 1931	17	10
316	Knight, Page	Wisconsin	July 7, 1931	19	4
193	Knowles, Henry Paine, jr	At large (Pres.)	June 11, 1931	18	5
93	Kunkle, Robert Delos	Indiana	July 13, 1931	18	3
403	Kyser, James Benjamin	Alabama	June 16, 1931	18	8
466	Laird, Horace Christopher, jr	Virginia	June 18, 1931	18	6
463	Lambert, George Solon	Louisiana	do	19	0
232	Lamkin, Fletcher McCarty	Alabama	July 2, 1931	16	4
117	Langlois, Clement Edward	do	June 18, 1931	19	6
380	Langston, Charles Bonham	Iowa	June 16, 1931	19	11

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineer- ing and aero- nautics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
0	00	7.56	17.22	8.20	10.52	11.82	3.16	10.95	69.43
1	23	10.01	22.06	9.77	10.92	11.66	2.68	10.83	77.93
1	23	8.48	20.66	9.80	12.16	13.36	3.30	11.40	79.16
1	23	8.10	19.15	8.13	11.66	12.74	3.38	10.95	74.11
1	24	8.90	19.45	8.64	12.08	13.10	3.21	10.68	76.06
1	23	9.00	18.22	8.27	10.30	10.26	3.16	11.61	70.82
1	23	10.41	22.72	10.31	12.46	13.48	3.55	11.94	84.87
1	24	8.46	19.08	8.79	11.46	13.04	3.50	11.58	75.91
1	23	9.34	19.35	8.95	11.64	11.80	2.94	11.25	75.27
1	24	8.63	17.65	8.17	10.18	10.40	3.03	10.92	68.98
1	24	9.84	21.52	9.70	11.04	11.28	3.65	11.76	78.79
1	23	8.46	19.57	8.88	13.62	13.72	3.26	11.70	79.21
0	00	8.32	18.50	8.25	10.08	9.94	3.52	11.97	70.58
1	23	8.92	21.44	10.22	13.98	14.40	3.45	11.94	84.35
1	23	9.36	20.91	8.36	11.36	13.74	3.31	11.40	78.44
1	23	8.36	22.52	9.59	11.64	13.88	3.44	11.88	81.31
1	24	9.96	23.41	10.33	13.70	13.74	3.10	11.43	85.67
1	23	7.92	19.85	8.67	10.30	10.62	3.00	10.77	71.13
1	24	8.90	19.81	8.94	11.72	12.82	3.36	11.94	77.49
1	24	10.38	21.80	9.99	12.46	12.66	3.55	10.80	81.64
1	23	9.67	21.53	9.92	12.36	10.96	3.62	10.44	78.50
1	23	9.26	20.47	8.78	11.44	10.94	3.43	11.73	76.05
1	24	8.48	20.72	9.48	12.90	12.18	3.37	11.49	78.62
1	23	9.37	21.26	10.40	13.08	11.96	3.73	11.85	81.65
1	23	7.92	17.86	8.20	11.84	10.76	3.25	11.28	71.11
1	24	9.18	20.48	9.25	11.68	11.84	3.36	11.91	77.70
1	24	10.77	25.67	10.96	13.38	13.78	3.44	11.94	89.94
1	23	9.04	20.55	9.30	10.98	14.00	3.18	11.22	78.27
1	24	8.73	18.07	8.56	10.70	10.60	3.33	11.55	71.54
0	00	7.85	17.35	7.71	10.56	10.54	3.01	11.43	68.45
1	24	9.85	19.80	9.15	12.60	12.14	3.13	9.60	76.27
1	23	9.74	20.78	9.25	12.20	12.90	3.14	11.97	79.98
1	24	10.25	19.90	9.80	12.06	11.10	3.55	11.61	78.27
1	23	8.29	18.50	8.09	11.24	11.66	3.44	11.64	72.86
1	24	9.44	19.91	8.19	11.40	14.70	3.43	11.76	78.83
1	23	9.20	22.93	9.87	11.66	11.26	3.34	11.10	79.36
1	23	9.26	20.36	8.18	11.42	10.68	3.35	11.61	74.86
1	24	7.85	17.86	8.58	9.86	10.60	3.15	11.04	68.94
1	24	8.31	18.65	9.12	12.46	13.18	3.32	10.71	75.75
1	24	9.37	20.51	9.03	11.56	14.10	3.22	11.01	78.80
1	23	7.99	19.93	8.90	11.80	12.02	2.87	11.70	75.21
1	23	7.75	18.30	8.35	10.60	11.84	3.28	10.89	71.01
1	24	8.16	18.10	8.04	10.78	10.38	3.45	11.67	70.58
1	24	8.14	21.97	10.07	11.70	11.36	3.60	11.70	78.54
1	23	8.49	19.52	7.90	10.42	11.82	3.39	11.67	73.21
1	24	10.21	20.62	9.39	11.30	12.74	3.44	11.31	79.01
1	24	7.51	20.99	8.67	10.52	10.78	3.10	11.31	72.88
1	24	7.97	20.13	8.96	11.66	12.20	3.27	11.70	75.89
1	23	9.52	20.87	9.44	12.36	11.88	3.18	11.37	78.62
1	23	10.43	22.27	10.47	11.28	12.84	3.33	11.46	82.08
1	24	8.95	18.80	8.70	11.48	11.14	3.42	11.49	73.98
1	24	8.68	18.97	8.03	10.56	10.80	3.05	11.67	71.76
1	24	8.33	19.17	8.27	10.50	11.08	3.07	11.52	71.94
1	23	8.89	21.30	9.29	12.06	11.38	3.28	11.37	77.57
1	23	8.05	21.62	10.52	13.16	12.60	3.56	11.82	81.33
1	24	8.56	18.83	8.65	11.90	11.10	3.42	11.97	74.43

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
379	Larsen, Harold Henry.....	New Jersey.....	July 7, 1931	19	11
162	Laster, Carl Abram.....	Arkansas.....	June 12, 1931	19	5
500	Lederer, William Julius, jr.....	New York.....	June 18, 1931	19	3
429	Lee, George Russell.....	Kentucky.....	June 15, 1931	18	10
47	Lee, Holman, jr.....	Missouri.....	June 19, 1931	17	10
*12	Lee, John Marshall.....	Utah.....	June 22, 1931	16	8
332	Leeper, Marshall Rutan.....	Oregon.....	June 18, 1931	19	11
220	Lewis, Harrison Raymond, jr.....	Massachusetts.....	June 12, 1930	18	5
h461	Lewis, Jack Adams.....	Texas.....	June 17, 1931	18	7
52	Lewis, John Richard.....	West Virginia.....	June 20, 1931	18	7
204	Lipski, Stanley Walter.....	Massachusetts.....	July 18, 1931	19	10
504	Little, John Grubbs, 3d.....	New York.....	June 18, 1931	17	11
261	Lloyd, Weldon Harrison.....	North Carolina.....	June 18, 1930	19	10
†482	Lockwood, Randolph Scott.....	Kansas.....	July 6, 1931	18	4
108	Lofand, John Henry, jr.....	New York.....	June 17, 1931	17	3
507	Loomis, Sam Colby, jr.....	Illinois.....	June 15, 1931	19	1
121	Lyle, Joseph Melvin.....	Georgia.....	June 18, 1931	19	0
63	Lynch, Richard Barr.....	Alabama.....	July 8, 1931	16	11
381	Lyndon, Dennis Charles.....	Kansas.....	June 29, 1931	17	7
131	MacArthur, Malcolm.....	At large (Pres.).....	do.....	16	7
273	Maher, Francis Xavier.....	South Dakota.....	July 27, 1931	18	0
43	Maki, Thomas Robert.....	Indiana.....	July 2, 1931	19	3
*32	Mandelkorn, Robert Simon.....	Illinois.....	July 7, 1931	17	9
333	Mann, John Frederick.....	Pennsylvania.....	July 3, 1931	19	3
471	Marcus, Groome Evans, jr.....	Delaware.....	June 11, 1931	17	7
85	Mathas, Constantine Charles.....	New York.....	June 15, 1931	18	1
377	Matthews, Frederick Richard.....	Massachusetts.....	June 18, 1931	19	9
189	Maurer, John Howard.....	District of Columbia.....	do.....	19	2
*5	McCallum, James Lowell Page.....	Missouri.....	June 17, 1931	19	4
280	McCann, Irving Goff, jr.....	Wyoming.....	June 11, 1931	17	9
351	McCarthy, Charles Henry, jr.....	Massachusetts.....	July 16, 1931	19	1
206	McClintock, David Hayward.....	Michigan.....	June 15, 1931	19	4
100	McCormick, John Webster.....	Mississippi.....	June 16, 1931	17	11
480	McCroskey, Clyde Hopkins, jr.....	Arkansas.....	June 24, 1931	18	9
254	McDonald, Harold Wood.....	Alabama.....	June 12, 1931	20	2
260	McElroy, Rhodam Yarrott, jr.....	Kentucky.....	June 23, 1931	16	10
247	McEntee, Girard Lindsley, jr.....	New York.....	Sept. 24, 1931	20	1
449	McFadden, James Francis.....	Illinois.....	June 11, 1931	18	8
49	McGill, William Neil.....	Nevada.....	June 17, 1930	19	6
390	McGowan, Richard.....	Montana.....	Aug. 24, 1931	18	10
79	McGrath, Thomas Dana.....	Illinois.....	Sept. 24, 1931	18	10
385	McIntire, Harrison Perry.....	Maine.....	July 8, 1931	20	1
232	McKee, Kenneth Henry.....	Ohio.....	Aug. 24, 1931	20	3
389	McKusick, George Ayers.....	Minnesota.....	June 18, 1931	18	10
385	McLaren, William Fleming.....	Alabama.....	June 29, 1931	19	6
133	McLaughlin, Robert Bright.....	Rhode Island.....	June 17, 1931	18	7
251	McLean, Edward Carnes.....	Minnesota.....	June 20, 1931	18	11
151	McManus, William Angell.....	Massachusetts.....	June 19, 1931	18	9
341	McQuary, Charles Virgil.....	Missouri.....	June 16, 1931	19	9
*27	McQuilkin, John Howard.....	Maryland.....	July 7, 1931	17	11
441	Mecklenburg, Herman John.....	At large (Pres.).....	July 1, 1931	19	9
†495	Medley, Beverly McKennie.....	Tennessee.....	June 18, 1931	18	9
159	Mericle, David Woodson.....	Ohio.....	do.....	20	1
251	Messner, Arthur William, jr.....	California.....	June 19, 1931	19	5
dd*7	Metcalf, Charles Max.....	Ohio.....	June 25, 1931	18	1
91	Metcalf, Ralph Marion.....	Illinois.....	do.....	18	0

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aerona-utics	Mathe-matics	Electrical engineer-ing and physics	English and history	Lan-guages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	24	8.56	19.07	9.00	11.58	11.16	3.32	11.79	74.48
1	23	8.52	21.17	9.20	12.74	12.50	3.54	11.85	79.52
1	24	7.77	17.86	8.24	11.64	10.90	2.96	11.16	70.53
1	24	8.94	20.41	9.18	10.20	10.80	2.69	11.07	73.29
1	24	9.22	23.73	10.22	12.20	13.32	3.47	11.79	83.95
1	23	9.75	24.04	10.80	13.96	14.06	3.38	11.37	87.36
1	24	8.76	20.41	8.85	11.24	11.32	3.22	11.88	75.68
1	23	9.47	21.25	8.87	11.02	12.96	2.93	11.40	77.90
1	24	8.23	18.92	7.69	10.74	11.50	3.14	11.76	71.98
1	23	9.35	23.44	10.55	12.74	12.76	3.40	11.58	83.82
1	23	9.27	21.32	9.16	10.58	13.06	2.99	11.94	78.32
1	24	8.19	19.26	7.57	10.66	10.52	2.51	11.67	70.38
1	23	8.90	19.96	9.00	12.26	11.84	3.42	11.49	76.87
0	00	8.09	17.95	8.51	11.52	10.36	3.43	11.40	71.26
1	24	9.28	22.06	9.68	12.44	12.90	3.41	11.73	81.50
1	24	7.89	18.94	7.93	10.92	10.20	3.01	11.37	70.26
1	23	9.03	21.63	9.46	12.98	12.90	3.47	11.64	81.11
1	23	10.58	22.59	10.25	12.14	12.30	3.32	11.79	82.97
1	24	8.11	19.47	8.50	11.34	11.90	3.22	11.85	74.39
1	24	8.89	22.36	9.40	12.36	14.04	3.41	10.17	80.63
1	24	8.72	22.56	8.46	10.98	11.52	3.05	11.31	76.60
1	24	10.46	22.17	10.65	11.28	14.14	3.51	11.88	84.09
1	24	9.06	24.83	10.81	13.22	12.76	3.43	11.10	85.21
1	24	8.47	18.88	8.65	11.44	13.16	3.26	11.79	75.65
1	23	7.67	18.09	8.79	10.80	11.50	3.20	11.61	71.66
1	24	8.54	21.60	9.70	12.74	15.12	3.13	11.55	82.38
1	24	8.31	18.86	8.41	11.98	12.58	3.21	11.16	74.51
1	23	8.72	20.99	8.90	12.66	13.00	3.15	11.34	78.76
1	24	10.73	24.60	11.16	13.14	14.70	3.44	11.52	89.29
1	24	8.92	20.37	9.10	11.48	11.84	3.54	11.22	76.47
1	23	8.48	20.06	8.75	10.52	12.94	2.97	11.55	75.27
1	23	8.64	20.47	8.65	12.24	13.24	3.34	11.70	78.28
1	23	9.06	22.19	9.63	12.14	13.96	2.98	11.88	81.84
1	24	8.38	19.32	8.30	10.62	10.72	2.99	11.04	71.37
1	23	7.99	19.88	8.97	12.42	13.34	3.54	10.86	77.00
1	23	9.00	21.24	8.95	11.32	11.90	3.26	11.22	76.89
4	14	9.32	20.84	9.12	11.48	12.44	2.82	11.19	77.21
1	24	8.16	19.41	8.94	11.20	11.16	3.06	10.65	72.58
4	3	9.85	22.73	10.00	12.04	14.08	3.31	11.88	83.89
1	24	8.93	19.52	8.44	10.96	11.98	2.95	11.40	74.18
4	14	9.69	22.51	10.30	13.12	12.68	3.24	11.16	82.70
1	24	7.61	20.14	9.26	11.06	11.50	3.13	11.58	74.28
1	24	8.55	20.52	8.64	11.96	13.20	3.00	11.70	77.57
1	24	9.99	19.99	8.69	10.64	10.56	2.95	11.37	74.19
1	24	10.24	18.90	8.43	11.08	10.70	3.44	11.49	74.28
1	24	9.77	23.77	10.16	11.06	10.88	3.30	11.67	80.61
1	23	9.55	19.88	9.56	11.70	11.44	3.29	11.64	77.06
1	24	8.86	21.33	9.69	11.98	13.50	3.11	11.64	80.11
1	24	8.55	20.47	9.07	11.40	10.92	3.19	11.82	75.42
1	23	9.62	24.43	10.85	12.64	12.66	3.58	11.85	85.63
1	24	9.10	19.31	8.79	10.72	10.18	2.93	11.70	72.73
1	24	7.35	19.01	8.85	10.58	11.72	3.00	10.32	70.83
1	23	9.43	19.93	8.66	12.40	14.62	3.22	11.34	79.60
1	24	8.84	20.53	8.85	11.18	13.06	3.32	11.28	77.06
0	00	10.88	24.79	11.03	12.50	13.78	3.61	11.97	88.56
1	23	10.13	21.56	10.54	13.56	11.44	3.47	11.49	82.19

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
*18	Meyer, Norman Harry.....	Minnesota.....	July 1, 1931	17	10
310	Michel, Edward Andrew, jr.....	New York.....	June 17, 1931	18	8
*11	Middleton, John Robert, jr.....	Idaho.....	do.....	19	0
384	Miller, John Montgomery.....	Pennsylvania.....	do.....	17	8
518	Millett, John Raymond.....	Massachusetts.....	June 16, 1931	19	5
508	Mills, George Hardwick, jr.....	Louisiana.....	June 15, 1931	18	4
294	Mills, Louis Howard.....	Kansas.....	July 2, 1931	18	11
478	Mini, James Haile.....	California.....	June 11, 1931	18	4
148	Montross, Keats Edmund.....	Michigan.....	July 7, 1931	19	2
160	Moody, Alton B.....	California.....	June 30, 1931	19	11
398	Moody, Dwight Lyman.....	Kentucky.....	June 25, 1931	19	3
464	Mooney, John Frederick, jr.....	Pennsylvania.....	June 16, 1931	18	4
285	Mooney, Walter Laurence.....	Connecticut.....	do.....	17	10
103	Moore, Walter Addison, jr.....	Texas.....	June 18, 1931	19	1
138	Morrison, William Fisher.....	Illinois.....	do.....	18	3
502	Morton, Robert Cameron.....	New Hampshire.....	June 19, 1931	18	7
69	Muller, Henry Leger.....	New Jersey.....	June 11, 1931	18	0
343	Murdock, John Foulon.....	Kentucky.....	July 9, 1931	18	6
45	Murphy, Charles Herbert Stephen.....	Massachusetts.....	Aug. 10, 1931	19	4
193	Musick, Kenneth Floyd.....	Oklahoma.....	July 2, 1931	18	5
223	Nash, David.....	New Jersey.....	Aug. 10, 1931	16	10
217	Needham, Roger Everett.....	Massachusetts.....	June 20, 1931	18	2
456½	Nelson, Wallace Martin.....	North Dakota.....	June 16, 1931	19	3
494	Newcomb, Arnold Houghton.....	Connecticut.....	June 25, 1931	19	6
125	Neyman, Clinton Andrew, jr.....	Indiana.....	June 16, 1931	18	1
264	Nibbs, Alan McLeod.....	New York.....	July 7, 1931	18	8
475	Nicholson, Roscoe Fisher.....	Indiana.....	June 16, 1931	18	10
411	Nixdorf, Samuel.....	New York.....	June 11, 1931	18	1
319	North, James Robert.....	Maryland.....	June 18, 1931	20	1
132	Nowell, Byron Horne.....	Utah.....	June 16, 1931	18	2
223	Noyes, Harry Floyd, jr.....	Georgia.....	June 11, 1931	17	5
179	Oakley, Thomas Richard.....	Pennsylvania.....	June 18, 1931	18	7
301	O'Connell, George Albert, jr.....	Kansas.....	June 29, 1931	17	10
76	O'Handley, John Grenville.....	New York.....	July 1, 1931	17	11
85	Oliver, Warren Eugene.....	Arkansas.....	June 11, 1931	17	10
326	O'Neill, Bernard Andrew.....	Maryland.....	July 21, 1930	18	11
471	Orr, William Paynter, 3d.....	Delaware.....	June 16, 1931	20	0
510	Osborn, Edgar George.....	California.....	June 18, 1931	18	7
350	Ostergren, Norman Millard.....	Montana.....	do.....	18	7
513	Outlaw, Edward Cobb.....	North Carolina.....	June 17, 1931	16	9
482	Packard, Wyman Howard.....	Massachusetts.....	July 7, 1931	19	7
105	Paddock, Alton Edwin.....	New York.....	do.....	17	7
268	Paradis, Lionel de l'Etoile.....	New Hampshire.....	June 18, 1931	18	4
171	Paret, Richard Starr.....	New York.....	June 17, 1931	18	1
*31	Pargas, Rafael.....	Philippine Islands.....	Aug. 10, 1931	17	10
140	Parker, Edwin Byron, jr.....	California.....	June 11, 1931	19	11
359	Parker, Jefferson David.....	Texas.....	June 18, 1931	18	10
336	Parker, William Elbridge.....	Washington.....	July 16, 1931	18	4
146	Parrish, Raymond Maurice.....	Massachusetts.....	do.....	19	1
203	Parry, Lincoln Vaughn.....	Indiana.....	June 17, 1931	19	0
523	Patterson, Darius Whitmer.....	do.....	June 16, 1931	19	10
424	Patterson, Frank Harmon, jr.....	Connecticut.....	July 6, 1931	19	0
538	Payne, John Walker, jr.....	Missouri.....	Aug. 17, 1931	19	2
497	Penland, Joe Robert.....	North Carolina.....	June 19, 1931	19	8
277	Pennebaker, Edwin Preston, jr.....	California.....	June 16, 1931	20	1
145	Peppard, Marcus Ramon, jr.....	New York.....	do.....	19	0

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineer- ing and aero- nautics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	24	10.69	23.79	10.61	12.80	13.22	3.49	11.94	86.54
1	24	8.05	20.26	8.96	12.14	11.86	3.45	11.73	75.95
1	23	10.27	26.41	10.99	12.00	13.40	3.00	11.79	87.86
1	23	7.90	18.75	8.73	11.88	12.44	3.19	11.97	74.86
0	00	8.59	19.48	8.17	10.24	9.36	2.93	10.89	69.66
1	23	8.48	17.71	7.98	10.78	10.82	3.23	11.25	70.25
1	24	8.08	20.87	9.00	11.86	11.38	3.16	11.83	76.23
1	24	8.87	18.36	8.84	10.98	10.80	3.05	10.53	71.43
1	23	8.83	22.20	9.92	11.48	12.78	2.99	12.00	80.20
1	23	10.57	21.89	9.19	11.90	10.96	3.20	11.85	79.56
1	24	7.85	19.79	8.60	11.68	11.20	3.29	11.64	74.05
1	23	7.85	18.92	8.74	10.72	10.94	2.98	11.70	71.85
1	23	9.07	21.47	8.52	11.58	11.80	3.30	10.65	76.39
1	24	10.08	21.54	9.52	12.34	12.76	3.40	12.00	81.64
1	24	9.44	23.73	10.18	11.36	11.10	3.42	11.22	80.45
1	24	8.07	18.13	8.68	10.52	10.50	3.11	11.46	70.47
1	23	9.94	19.94	9.53	13.12	15.34	3.60	11.46	82.93
1	24	10.07	19.04	8.38	11.76	11.00	3.23	11.88	75.36
1	23	10.31	22.10	9.91	12.78	14.06	3.47	11.43	84.06
1	24	9.62	21.96	8.96	11.24	11.58	3.26	12.00	78.62
1	23	9.92	19.74	9.02	11.44	12.24	3.47	12.00	77.83
1	23	8.21	20.22	9.10	13.04	13.20	3.07	11.13	77.97
1	23	7.85	19.31	8.61	11.32	10.54	2.92	11.67	72.22
1	24	8.69	18.33	7.99	11.04	10.64	3.18	10.98	70.85
1	24	10.71	23.69	9.37	11.98	10.70	2.68	11.79	80.92
1	23	9.28	19.64	8.53	12.54	12.72	3.10	10.95	76.76
1	24	8.11	18.68	8.52	11.12	10.42	3.04	11.67	71.56
1	23	9.09	19.15	8.78	10.74	11.34	3.11	11.52	73.73
1	23	8.50	20.45	9.80	11.46	11.46	3.02	11.16	75.85
1	24	9.21	20.17	9.51	13.52	13.40	3.29	11.52	80.62
1	24	9.07	20.47	9.42	12.80	11.64	3.16	11.37	77.83
1	23	9.41	22.22	9.83	11.60	10.94	3.17	11.94	79.11
1	24	8.15	19.26	9.27	11.40	12.90	3.27	11.82	76.07
1	24	9.55	21.63	9.37	12.32	14.84	3.13	11.94	82.78
1	24	9.33	23.10	9.88	11.52	12.96	3.62	11.97	82.38
4	14	9.31	20.06	9.25	10.98	11.60	2.86	11.70	75.76
1	24	7.53	18.22	7.91	11.20	13.12	2.97	10.71	71.66
1	23	9.17	19.39	8.16	10.30	9.94	2.59	10.68	70.23
1	24	9.05	19.50	9.83	10.98	11.64	3.33	10.95	75.28
1	23	8.00	18.55	7.92	11.26	10.54	2.91	10.83	70.01
1	23	8.05	18.73	8.05	10.56	11.18	2.84	11.85	71.26
1	23	9.49	22.80	9.89	10.96	13.52	3.52	11.43	81.61
1	23	10.40	20.05	9.45	10.72	11.12	3.08	11.83	76.70
1	23	9.76	19.83	8.89	12.28	13.98	3.00	11.55	79.29
1	24	10.03	24.00	10.16	12.24	14.00	3.34	11.49	85.26
1	24	9.25	20.94	9.31	12.28	14.22	2.65	11.76	80.41
1	23	7.87	20.75	9.30	11.86	11.82	2.97	10.47	75.04
1	23	9.58	19.68	8.62	10.72	12.08	2.94	11.97	75.59
1	23	9.96	21.99	10.05	11.72	12.34	3.04	11.13	80.23
1	24	9.22	20.55	10.15	11.78	11.56	3.38	11.73	78.37
1	24	8.13	18.64	7.96	10.80	11.06	2.67	10.14	69.40
1	23	8.16	18.38	8.38	11.82	12.32	2.72	11.64	73.42
1	24	7.50	17.98	7.75	10.46	10.20	2.64	11.25	67.78
1	23	7.61	17.85	8.35	12.26	10.44	2.62	11.58	70.71
1	23	9.37	20.47	8.58	12.46	11.02	3.34	11.25	76.49
1	24	8.73	20.59	9.14	12.76	13.78	3.50	11.76	80.26

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
130	Petrie, Clarence Walker.....	North Carolina.....	June 27, 1930	19	9
88	Petrovic, William Francis.....	Ohio.....	June 15, 1931	18	5
407	Philip, George, jr.....	South Dakota.....	June 18, 1931	19	2
422	Phillips, Frederick Neill, jr.....	West Virginia.....	Sept. 15, 1931	18	4
238	Phillips, Robert Alonzo.....	Virginia.....	June 18, 1931	18	6
164	Pike, Joseph William, jr.....	North Carolina.....	Aug. 24, 1931	20	0
51	Plichta, Joseph Phillip.....	Wisconsin.....	June 20, 1931	19	4
348	Poulos, Nicholas Diogenes.....	Kentucky.....	July 2, 1931	17	10
319	Powell, George Livingstone.....	California.....	June 19, 1931	19	3
83	Powell, William Talmadge, jr.....	Virginia.....	June 23, 1931	18	8
264	Power, Reginald Carroll.....	Kentucky.....	July 21, 1930	18	5
235	Powers, John James.....	New York.....	July 7, 1931	19	0
246	Prickett, Robert Henry.....	New Jersey.....	June 19, 1931	19	11
349	Probasco, John Tilghman.....	do.....	June 22, 1931	18	5
39	Pulk, Eugene Storar.....	Massachusetts.....	June 16, 1931	19	9
148	Purdy, Arthur Montgomery.....	Connecticut.....	June 20, 1931	18	2
126	Quinn, James Francis, jr.....	Indiana.....	Sept. 21, 1931	19	9
*24	Radcliffe, Melvin Ernest.....	Nevada.....	June 20, 1931	18	8
413	Ramey, Ralph Lester.....	Kentucky.....	June 19, 1931	20	0
123	Ramirez de Arellano, Marion Frederic.....	Porto Rico.....	July 21, 1931	17	11
239	Ramsey, Frederick Augustus, jr.....	At large (Pres.).....	June 11, 1931	18	6
492	Reed, Ericsson.....	Pennsylvania.....	July 11, 1931	19	1
89	Reich, Eli Thomas.....	New York.....	June 17, 1931	18	3
452	Reifenrath, Wilson Gartley.....	Montana.....	do.....	20	1
409	Reniers, James Hunter, jr.....	Pennsylvania.....	do.....	19	10
331	Rhymes, Cassius Douglas, jr.....	Mississippi.....	June 25, 1931	19	2
183	Rice, Tolbert Alexander.....	Alabama.....	Aug. 24, 1931	19	5
114	Richards, Lynn Griffith.....	Utah.....	June 29, 1931	17	8
443	Ricketts, Milton Ernest.....	Maryland.....	July 18, 1931	17	11
181	Riera, Robert Emmett.....	Florida.....	June 15, 1931	18	7
276	Riewe, Eugene Victor.....	Wisconsin.....	June 18, 1931	18	10
225	Ring, Edward Patrick.....	Connecticut.....	June 20, 1930	18	5
170	Ritter, Frank Thornton, jr.....	New Jersey.....	June 17, 1931	18	0
442	Rives, Hugh, jr.....	Arkansas.....	June 12, 1931	18	5
501	Robertson, Douglas Henry.....	Michigan.....	June 23, 1931	20	3
449	Robertson, Edward Dunbar.....	Virginia.....	June 20, 1931	18	5
274	Rodier, Gilbert LaCoste, jr.....	Dist. of Columbia.....	June 18, 1931	19	10
317	Rosenberg, Leslie Edward.....	Illinois.....	June 11, 1931	18	3
156	Ross, Bruce Percy.....	New York.....	June 17, 1931	19	1
157	Rossell, William Trent, jr.....	do.....	June 25, 1931	19	1
401	Ruehlow, Stanley Erdman.....	Wisconsin.....	June 19, 1931	19	6
61	Rush, Samuel Opdyke, jr.....	North Carolina.....	June 24, 1930	19	1
358	Rutherford, Perry Goyne.....	Oregon.....	June 17, 1931	20	0
416	Ryan, William Joseph.....	Pennsylvania.....	June 29, 1931	17	2
278	Sadler, Albert Thomas.....	Texas.....	June 18, 1931	18	1
460	Sampson, William Spoor.....	New York.....	June 17, 1931	18	0
476	Samuels, William Tindall.....	Maryland.....	June 18, 1931	19	2
60	Sanger, Kenneth John.....	New York.....	June 17, 1931	17	3
64	Sarver, Ben William, jr.....	North Dakota.....	do.....	18	10
401	Scanland, Robert Boyd.....	Ohio.....	June 22, 1931	17	2
445	Schacht, Kenneth George.....	Washington.....	June 18, 1931	18	0
333	Schechter, Gordon Eugene.....	Montana.....	June 17, 1931	19	0
515	Scheibla, Louis Collins.....	Kentucky.....	Aug. 24, 1931	19	7
263	Schmidling, Matthew Stelzner.....	New York.....	June 17, 1931	17	8
155	Schmidt, Louis Edward, jr.....	Ohio.....	July 16, 1931	16	10

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships	Engineer- ing and aero- nautics	Mathe- matics	Electrical engineer- ing and physics	English and history	Lan- guages	Hygiene	Aptitude for service	Aggregate first year	
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
4	15	9.14	21.78	9.91	11.96	12.90	3.17	11.79	80.65
1	24	10.44	22.95	10.33	11.92	12.16	2.96	11.55	82.31
1	23	8.81	19.37	9.24	11.66	10.32	2.86	11.61	73.87
1	23	8.00	18.51	8.84	11.68	11.80	2.97	11.67	73.47
1	23	9.02	20.36	9.09	11.52	12.50	3.06	11.91	77.46
4	16	8.58	21.84	10.39	12.00	11.76	3.00	11.94	79.51
1	24	10.06	24.06	10.90	11.78	12.26	2.95	11.85	83.86
1	24	9.03	19.34	8.31	11.88	11.78	3.11	11.88	75.33
1	24	8.73	19.30	9.02	11.14	13.76	2.98	10.92	75.85
1	24	8.76	23.07	10.42	12.62	12.76	2.91	11.88	82.42
1	23	8.53	20.29	9.51	12.86	13.18	2.76	9.63	76.76
1	24	8.18	20.35	9.00	11.72	13.46	3.27	11.55	77.53
1	23	8.60	20.42	9.90	11.42	12.62	3.30	11.01	77.27
1	23	8.54	20.47	9.31	11.50	11.18	3.30	11.01	75.31
1	24	10.17	23.43	10.68	12.32	13.00	3.23	11.64	84.52
1	23	8.91	20.94	10.19	12.14	13.94	2.80	11.28	80.20
4	15	8.76	19.47	9.90	12.86	14.44	3.46	11.88	80.77
1	23	9.94	23.41	10.54	13.32	13.38	3.45	11.79	85.83
1	24	8.59	19.53	8.54	11.40	10.44	3.31	11.91	73.72
1	20	7.87	21.05	8.97	12.78	15.72	3.53	11.04	80.96
1	23	9.85	18.76	8.50	11.68	13.28	3.45	11.91	77.43
1	24	8.57	19.30	7.99	10.82	9.72	2.83	11.73	70.96
1	24	8.51	23.16	10.12	12.34	13.26	3.27	11.61	82.27
1	24	7.85	19.58	8.22	11.02	11.14	2.85	11.88	72.54
1	23	3.99	19.98	9.24	10.82	10.66	3.05	11.07	73.81
1	23	8.78	20.17	9.25	11.70	11.12	3.28	11.40	75.70
1	23	9.24	20.93	9.28	12.42	12.66	3.44	10.89	78.86
1	24	10.28	22.57	9.78	11.94	12.04	3.24	11.58	81.43
1	23	8.69	19.11	8.78	10.92	10.86	3.14	11.16	72.66
1	23	8.55	22.24	9.31	11.52	12.26	3.19	11.97	79.04
1	24	9.13	20.13	8.99	11.48	11.52	3.29	12.00	76.54
4	14	8.50	20.47	9.19	11.62	13.62	2.89	11.52	77.81
1	23	9.42	20.85	9.82	11.68	12.20	3.38	11.97	79.32
1	23	8.79	20.14	7.99	11.36	10.14	2.86	11.43	72.71
1	23	7.91	18.56	8.49	10.78	10.14	2.82	11.79	70.49
1	24	7.99	18.77	8.59	11.64	10.88	3.04	11.67	72.58
1	24	9.22	20.68	9.57	10.52	11.74	2.92	11.94	76.59
1	23	8.70	19.12	9.19	11.96	12.12	3.07	11.70	75.86
1	23	9.04	21.19	9.61	12.14	13.10	3.14	11.55	79.77
1	23	9.09	22.39	9.75	11.74	11.84	3.13	11.79	79.73
1	24	8.52	18.87	8.45	11.76	11.80	3.01	11.58	73.99
1	24	10.56	22.47	8.91	12.66	13.54	3.32	11.70	83.16
1	24	8.16	18.61	8.82	11.42	13.18	3.17	11.70	75.06
1	24	8.33	17.58	7.69	12.80	12.92	3.03	11.31	73.66
1	23	8.89	20.69	9.05	11.84	11.76	3.12	11.13	76.48
1	23	7.81	19.64	8.54	10.84	10.62	3.05	11.49	71.99
1	23	7.62	19.38	8.69	10.68	10.80	2.65	11.73	71.55
1	23	8.91	22.24	10.11	12.72	14.58	2.93	11.79	83.28
1	24	10.56	22.79	10.50	12.14	12.06	3.00	11.91	82.96
1	24	8.53	19.82	8.56	12.56	11.70	2.83	9.99	73.99
1	24	8.35	19.85	8.43	11.40	10.88	2.86	10.86	72.63
1	24	9.00	20.30	8.50	11.82	10.88	3.15	12.00	75.65
0	00	7.44	18.04	7.56	10.60	11.02	3.15	11.94	69.75
1	24	8.31	19.34	8.44	11.66	13.76	3.51	11.76	76.78
1	24	8.38	21.59	10.32	11.90	12.54	3.31	11.76	79.80

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for aca- demic year	Names	State from which appointed	Date of ad- mission	Age at date of admission	
				Years	Months
*1	Schock, Lewis Lindemuth, jr.	Pennsylvania.....	June 16, 1931	18	2
52½	Schrader, Frederick Rutherford.....	Illinois.....	June 15, 1931	18	3
†512	Schroeder, William Frederick, 3d.....	do.....	do.....	18	6
53	Schutt, Edward Brown.....	Michigan.....	June 19, 1931	18	10
293	Schwab, Herbert Sidney.....	New York.....	Aug. 24, 1931	19	6
355	Scott, Edward Francis.....	Kansas.....	June 15, 1931	20	0
255	Scott, James, 2d.....	Maryland.....	July 7, 1931	19	1
408	Sellers, Frank Este, jr.....	Virginia.....	June 18, 1931	17	4
*17	Senif, Howard Zurbuchen	New York.....	June 17, 1931	18	11
75	Settle, Walker Andrew, jr.....	California.....	June 19, 1930	17	6
439	Seymour, Glenn Edward.....	Georgia.....	June 11, 1931	17	6
†192	Seymour, Jack Murray.....	Pennsylvania.....	June 22, 1931	20	1
37	Shaffer, John Nevin.....	do.....	June 17, 1931	18	6
40	Sharp, Thomas Frederick.....	Montana.....	July 3, 1931	18	9
176	Sharrocks, Charles Spurgeon.....	Pennsylvania.....	July 1, 1930	19	0
73	Shelburne, Charles Wesley.....	Missouri.....	July 14, 1931	19	1
234	Shellworth, Eugene Whitney.....	Idaho.....	June 16, 1931	19	2
34	Shepard, Evan Tyler.....	New York.....	June 25, 1931	17	8
†535	Shepard, John Sullivan.....	Wisconsin.....	June 22, 1931	18	9
467	Sherwood, Stephen.....	Washington.....	June 19, 1931	19	8
†342	Shilling, Samuel George.....	Pennsylvania.....	July 7, 1931	20	1
432	Shoner, Henry Gilbert, jr.....	Nevada.....	June 11, 1931	16	11
200	Shriver, Thomas Donald.....	Ohio.....	June 30, 1931	18	9
†542	Silvey, Eben Hilmer.....	do.....	June 17, 1931	18	5
369	Simoneau, Forrest White.....	Maine.....	June 16, 1931	17	2
259	Sisler, Vincent Ambrose, jr.....	Kentucky.....	June 15, 1931	19	4
122	Slason, Frank Kane.....	New York.....	July 27, 1931	18	2
187	Smith, Frank McElhany.....	Kentucky.....	June 16, 1931	18	4
92	Smith, John Allen.....	Georgia.....	June 19, 1931	18	4
137	Smith, Lloyd Addison.....	Florida.....	do.....	19	2
169	Smith, Russel Henry.....	New York.....	June 17, 1931	19	0
437	Smith, William Preston, 3d.....	do.....	Aug. 24, 1931	19	1
313	Sneeringer, Earl Austin.....	Pennsylvania.....	June 18, 1931	19	3
340	Snyder, Lloyd Harold, jr.....	do.....	June 25, 1931	18	5
257	Southerland, James Julien, 2d.....	Florida.....	July 9, 1931	19	8
98	Spain, Omar Norman, jr.....	Virginia.....	June 18, 1931	18	2
417	Spencer, Frank Addison.....	do.....	June 17, 1931	18	0
52½	Spencer, Samuel Floyd.....	Georgia.....	Aug. 24, 1931	19	9
129	Stamps, Roy Kauffman, jr.....	California.....	June 19, 1931	20	0
262	Stanley, Emory Day, jr.....	Nebraska.....	June 30, 1931	17	10
375	Steinmetz, Everett Hartwell.....	New York.....	June 17, 1931	17	11
154	Stephenson, Richard Davids.....	do.....	July 14, 1930	17	9
270	Stevens, John Douglas.....	Kentucky.....	June 11, 1931	17	4
205	Stever, Elbert Miller.....	New York.....	June 17, 1931	18	1
347	Stiesberg, Frederick Max.....	Arkansas.....	June 29, 1931	18	9
397	Stivers, Robert Tyler, jr.....	Ohio.....	June 17, 1931	19	1
532	Stouffer, Walter Wallace, jr.....	Kentucky.....	do.....	18	11
256	Sullivan, William Alfred.....	New Jersey.....	June 24, 1931	19	7
392	Swab, William, jr.....	do.....	June 16, 1931	18	8
216	Sweeney, Vincent Albert.....	Minnesota.....	June 25, 1931	18	9
221	Talbott, John Edwin, jr.....	Iowa.....	June 12, 1931	19	5
*9	Talerico, Anthony, jr.	New York.....	June 17, 1931	18	0
374	Talman, Benjamin Long Edes.....	Minnesota.....	do.....	18	10
434	Tarantino, Arthur Eli.....	New York.....	June 20, 1931	18	8
*28	Taylor, David Wooster, jr.	California.....	June 15, 1931	19	5
300	Taylor, LeRoy Thomas.....	Mississippi.....	June 16, 1931	18	3

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aerona- utics	Mathe- matics	Electrical engineering and physics	English and history	Lan- guages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	23	10.24	26.18	11.25	13.34	14.48	3.62	11.85	90.96
1	24	9.51	21.26	10.44	13.08	14.28	3.66	11.58	83.81
0	00	8.60	17.79	7.89	11.26	10.66	3.03	10.80	70.03
1	24	10.28	22.98	9.27	11.90	13.80	3.43	12.00	83.66
4	16	9.68	21.46	8.95	12.78	11.44	3.11	8.82	76.24
1	24	8.40	20.05	9.78	11.84	11.32	3.38	10.41	75.18
1	23	9.22	21.12	9.34	12.16	11.30	3.24	10.59	76.97
1	23	8.36	19.07	8.27	11.42	11.54	3.31	11.88	73.85
1	23	9.11	24.69	10.44	12.90	14.04	3.53	11.97	86.68
1	24	9.99	21.93	10.36	12.50	12.94	3.40	11.70	82.82
0	00	8.27	19.83	9.20	10.30	11.16	3.01	11.10	72.87
1	23	8.80	20.74	9.10	11.92	13.48	3.23	11.43	78.70
1	24	10.02	23.48	10.44	12.64	13.00	3.51	11.61	84.70
1	23	9.73	23.34	10.55	12.84	12.80	3.37	11.79	84.42
4	15	9.00	20.11	9.70	12.64	12.26	3.55	11.94	79.20
1	24	9.39	22.38	10.11	12.92	13.76	2.90	11.40	82.86
1	24	9.31	20.73	8.92	12.28	11.26	3.37	11.67	77.54
1	23	8.74	22.58	10.51	13.68	14.18	3.35	11.85	84.89
0	00	8.22	17.52	7.35	10.18	10.92	2.67	11.55	68.41
1	23	7.89	18.19	8.02	11.40	11.52	3.11	11.61	71.74
0	00	10.58	20.90	7.86	9.92	11.06	3.19	11.88	75.39
1	24	8.30	20.09	8.12	11.10	11.28	3.18	11.10	73.17
1	24	9.81	20.73	9.06	10.94	12.96	3.26	11.70	78.46
0	00	7.50	16.97	7.95	10.24	9.62	3.26	11.61	67.15
1	23	8.09	19.74	8.65	10.90	12.42	3.02	11.88	74.70
1	23	9.35	19.91	9.01	11.70	11.16	3.31	11.94	76.91
1	24	11.16	20.64	8.95	12.42	12.62	3.51	11.67	80.97
1	24	9.34	21.84	9.83	11.72	11.36	3.09	11.61	78.79
1	23	9.25	23.55	10.34	12.04	12.24	2.82	11.88	82.12
1	24	9.09	20.74	9.66	12.66	13.24	3.40	11.70	80.49
1	23	8.94	23.02	9.78	11.48	12.64	2.68	10.80	79.34
1	23	9.56	18.85	8.58	10.90	11.80	2.96	10.32	72.97
1	23	8.54	20.20	9.22	11.92	11.02	3.28	11.73	75.91
1	24	8.32	19.73	7.90	11.42	13.16	3.05	11.85	75.43
1	24	8.49	20.87	9.26	11.88	12.82	2.99	10.62	76.93
1	24	9.34	21.97	9.63	11.74	14.24	3.03	11.94	81.89
1	23	8.52	19.88	8.61	10.64	11.34	2.83	11.82	73.64
4	16	10.38	23.14	10.06	12.12	12.98	3.50	11.55	83.73
1	24	8.00	21.70	10.65	12.52	13.22	2.98	11.61	80.68
1	23	9.84	20.48	9.04	10.90	11.72	3.42	11.46	76.86
1	24	8.17	19.17	8.34	12.10	12.00	2.87	11.91	74.56
1	24	9.63	21.68	9.70	11.90	12.74	3.30	11.64	80.59
1	23	9.04	20.03	9.00	11.92	11.94	2.89	11.85	76.67
1	23	8.30	20.88	9.07	11.66	13.60	2.95	11.85	78.31
1	24	8.28	20.68	10.06	10.82	10.56	3.21	11.73	75.34
1	24	8.46	19.54	8.45	11.68	10.62	3.38	11.91	74.06
1	23	8.11	18.40	8.43	10.62	10.46	2.75	10.02	68.79
1	23	8.81	21.01	9.12	11.60	11.36	3.27	11.79	76.96
1	23	8.61	19.58	8.42	10.60	11.64	3.49	11.82	74.16
1	24	9.01	21.59	9.59	11.10	11.86	3.02	11.82	77.99
1	23	9.44	20.86	8.92	12.14	11.36	3.39	11.73	77.84
1	23	9.62	23.90	11.11	13.12	15.24	3.58	11.52	88.09
1	24	8.14	17.89	8.28	11.18	13.76	3.45	11.88	74.58
1	23	8.23	20.03	8.53	11.00	10.68	3.35	11.28	73.10
1	24	10.65	23.36	10.27	13.12	13.32	3.39	11.49	85.60
1	24	9.10	19.74	9.06	12.42	12.10	3.09	10.59	76.10

Merit roll of the midshipmen of the present third class (class of 1935) for the

Order of general merit for academic year	Names	State from which appointed	Date of admission	Age at date of admission	
				Years	Months
244	Teall, Archibald Egerton.....	New Jersey.....	June 22, 1931	19	11
396	Theis, John Henry.....	Ohio.....	June 16, 1931	17	9
326	Thomas, Henry Lloyd.....	Montana.....	June 17, 1931	18	10
115	Thomas, John William.....	Illinois.....	June 16, 1931	18	7
189	Thompson, William Calhoun, jr.....	Georgia.....	July 13, 1931	17	10
173	Thomson, James Waldie.....	Illinois.....	Aug. 3, 1931	20	1
162	Tingle, Charles Thomas.....	Delaware.....	June 20, 1931	18	4
128	Tipton, Henry Clay.....	Arkansas.....	June 19, 1931	19	2
456	Trimble, Robert Boyce.....	Colorado.....	June 11, 1931	19	5
388	Turner, Charles Herman.....	Georgia.....	June 24, 1931	19	4
230	Van Ness, Donald Owen.....	Missouri.....	June 16, 1931	17	7
423	Vasey, Robert Carson, jr.....	At large (Pres.).....	June 12, 1931	17	7
453	Vestel, Edgar Dudley, jr.....	Florida.....	June 11, 1931	19	6
*25	Veth, Kenneth LeRoy.....	North Dakota.....	June 17, 1931	19	9
*6	Wade, Benjamin Gerber.....	Illinois.....	July 18, 1931	17	8
227	Walker, Francis David, jr.....	At large (Pres.).....	June 11, 1931	16	8
67	Walling, John Franklin.....	Massachusetts.....	June 15, 1931	19	4
363	Wallis, William Rowland.....	Texas.....	June 17, 1931	18	8
376	Walseth, Harvey Sanborn.....	South Dakota.....	June 19, 1931	19	6
244	Walters, Walton Burgess.....	North Carolina.....	June 15, 1931	20	0
524	Wampler, French, jr.....	Tennessee.....	June 17, 1931	17	9
459	Ward, Norvell Gardiner.....	Maryland.....	July 27, 1931	18	7
158	Ward, Robert Elwin McCraner.....	California.....	June 11, 1931	17	4
304	Ward, Sibley Logan, jr.....	Arkansas.....	June 19, 1930	18	6
119	Ward, William Gordon.....	Indiana.....	June 16, 1931	18	10
81	Weaver, Earl Marshall.....	Texas.....	June 18, 1931	18	0
533	Weed, John Howard.....	Montana.....	June 11, 1931	19	10
315	Weede, Richard Garfield.....	Kansas.....	June 29, 1931	19	9
95	Weldon, Albert Roth.....	New York.....	June 16, 1931	18	7
527	Weller, Samuel Valentine.....	Indiana.....	July 14, 1931	18	9
343	Wesson, Joseph Hawes.....	Massachusetts.....	July 7, 1931	18	0
1509	West, James Brackenridge.....	Oklahoma.....	Aug. 24, 1931	20	1
241	West, Kenneth.....	Massachusetts.....	Aug. 21, 1931	19	3
405	Westin, Howard Severus.....	Vermont.....	July 7, 1931	18	5
143	Whaley, James William.....	Virginia.....	Sept. 29, 1931	20	4
426	Wheeler, Frank Knowles Blasdel.....	Minnesota.....	June 17, 1931	18	8
323	Whitaker, George Thomas, jr.....	North Carolina.....	June 16, 1931	18	8
404	White, Jerome Butler.....	Tennessee.....	June 29, 1931	18	4
71	Wideman, William Bomar.....	South Carolina.....	June 18, 1931	18	1
80	Wilson, J C Gillespie.....	Montana.....	June 17, 1931	19	7
525	Wilson, Louis Joseph, jr.....	Missouri.....	June 11, 1931	19	0
367	Winfield, Richard Buckner.....	New York.....	do.....	16	11
165	Wing, Robert Claude.....	Maine.....	June 16, 1931	18	9
242	Winters, Theodore Hugh, jr.....	South Carolina.....	June 18, 1931	18	3
147	Wolfe, James Meek, jr.....	Montana.....	June 17, 1931	18	11
308	Wood, Burriss Doudney, jr.....	Texas.....	June 18, 1931	18	6
116	Wood, Edward Bennett.....	Virginia.....	June 27, 1930	19	10
359	Woodward, Barclay Jefferis, 3d.....	Pennsylvania.....	June 30, 1931	19	6
364	Wordell, Malcolm Taber.....	Massachusetts.....	June 19, 1931	20	1
419	Wright, Francis Delafield, jr.....	Florida.....	July 13, 1931	18	2
1504	Wright, Harlan Albert.....	New York.....	June 17, 1931	19	5
112	Wright, Philemon Kennard, jr.....	Maryland.....	June 30, 1930	17	4
180	Wright, Richard William.....	Washington.....	June 19, 1931	18	10
*16	Wrigley, Dwight Alfred.....	Massachusetts.....	July 18, 1931	16	6
191	Wulzen, Don Wesley.....	Ohio.....	June 11, 1931	19	5
A486	Yoho, Jud Francis, jr.....	do.....	June 16, 1931	19	6

first year of their academic course, 555 members, June, 1932—Continued

Sea service in practice ships		Engineering and aeronautics	Mathematics	Electrical engineering and physics	English and history	Languages	Hygiene	Aptitude for service	Aggregate first year
Months	Days	Maximum							
		12	28	12	16	16	4	12	100
1	23	8.17	19.65	8.54	12.58	13.14	3.22	12.00	77.30
1	24	8.39	20.32	8.66	10.84	11.38	2.98	11.52	74.09
1	24	8.90	19.78	8.30	11.88	12.60	3.16	11.64	75.76
1	23	9.77	22.25	10.37	12.58	11.74	2.98	11.73	81.42
1	24	8.73	20.26	9.49	12.56	12.52	3.56	11.64	78.76
1	24	10.59	22.68	10.30	11.28	10.28	3.39	10.71	79.23
1	24	8.89	18.84	9.49	12.78	14.02	3.50	12.00	79.52
1	24	9.01	21.00	9.22	12.72	13.92	3.24	11.61	80.72
1	23	7.92	19.33	8.29	11.70	10.74	2.76	11.49	72.23
1	24	7.78	18.97	9.23	12.04	12.02	3.01	11.22	74.27
1	24	9.35	19.42	9.34	12.44	12.84	2.91	11.37	77.67
1	24	8.32	19.76	8.32	11.04	11.40	2.94	11.58	73.44
1	24	8.01	18.60	8.76	11.72	11.18	2.68	11.58	72.53
1	23	10.27	24.03	11.33	12.26	12.82	3.30	11.76	85.77
1	23	10.39	25.70	11.10	13.36	12.92	3.36	11.79	88.62
1	24	7.95	20.53	8.76	12.74	12.88	3.19	11.73	77.78
1	23	8.67	21.20	9.90	13.40	14.52	3.29	11.97	82.95
1	24	10.64	20.41	8.83	10.30	10.80	2.96	10.95	74.89
1	24	8.73	19.87	9.15	11.42	10.74	2.85	11.79	74.55
1	23	8.78	20.87	9.37	11.68	12.02	3.03	11.55	77.30
1	24	8.41	18.19	7.60	10.78	10.14	2.88	11.37	69.37
1	24	7.92	20.07	9.14	11.40	10.86	3.14	9.60	72.13
1	24	8.75	20.91	9.72	12.78	12.62	3.54	11.40	79.72
1	24	9.35	20.09	9.82	10.88	12.80	3.02	10.08	76.04
1	23	8.84	23.34	10.07	12.78	11.36	3.10	11.79	81.28
1	24	9.69	22.29	10.42	11.46	13.94	2.89	11.82	82.51
1	24	7.60	17.64	8.16	10.86	10.16	3.06	11.10	68.58
1	24	9.44	21.05	9.00	10.72	11.30	2.87	11.62	75.90
1	24	9.03	22.84	10.46	11.84	13.00	3.13	11.67	81.97
1	24	8.58	17.83	7.81	10.30	10.42	2.55	11.49	68.98
1	23	9.22	19.81	8.28	11.46	11.70	2.89	12.00	75.36
0	00	9.39	18.13	7.57	10.30	10.54	2.79	11.52	70.24
1	23	9.39	20.41	10.02	11.82	10.88	3.13	11.70	77.35
1	23	9.44	19.57	8.50	10.43	10.78	3.34	11.85	73.96
4	15	8.31	21.68	10.19	11.42	14.32	2.94	11.49	80.35
1	23	9.17	20.35	8.03	10.32	11.00	2.99	11.52	73.38
1	23	8.51	21.40	9.39	10.90	11.12	3.31	11.16	75.79
1	24	9.51	18.52	8.56	11.64	10.66	3.20	11.88	73.97
1	23	8.59	22.99	9.67	12.94	13.90	3.25	11.55	82.89
1	23	9.94	23.12	10.69	12.28	12.14	3.03	11.49	82.69
1	24	7.98	18.26	8.12	10.56	10.04	2.66	11.61	69.23
1	24	8.37	19.86	7.93	11.90	13.52	2.78	10.41	74.77
1	23	7.88	21.73	9.60	12.64	12.56	3.20	11.88	79.49
0	00	9.58	19.44	9.05	12.10	12.46	3.03	11.67	77.33
1	24	9.57	21.90	10.43	11.88	11.30	3.32	11.82	80.22
1	24	8.23	19.52	8.90	12.74	11.70	3.27	11.58	75.99
4	15	9.95	21.76	9.43	12.70	13.46	3.24	10.83	81.37
1	23	8.11	19.81	8.67	12.36	11.32	3.01	11.76	75.04
1	23	7.80	18.32	8.66	11.50	13.54	3.06	12.00	74.88
1	23	8.55	18.27	7.77	11.94	12.00	3.29	11.76	73.58
0	00	7.51	16.76	7.89	11.34	12.60	3.12	11.16	70.38
4	14	10.66	21.87	10.13	11.22	12.23	3.28	12.00	81.44
1	23	9.91	21.73	9.34	11.78	11.40	3.28	11.61	79.05
1	23	10.71	23.95	10.73	12.08	14.34	2.98	11.91	86.70
1	24	9.97	20.97	9.36	11.22	12.26	3.23	11.70	78.71
1	24	7.76	17.58	7.87	10.44	12.80	2.86	11.82	71.13

MIDSHIPMEN OF THE FOURTH CLASS

Midshipmen of the fourth class (class of 1936), 338 members

[Letters in italics used opposite names in the following list refer to footnotes at bottom of this list only]

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Alford, John Morris	Illinois	June 24, 1932	17	2
Amme, Carl Henry, jr	South Carolina	June 13, 1932	18	8
Andres, Charles John	New York	June 28, 1932	18	10
Arndt, Ralph William	Indiana	June 20, 1932	19	6
Arnold, Henry Albert	Washington	June 24, 1932	18	4
Aument, William Perry	Michigan	June 14, 1932	20	1
Baldwin, Morgan Hall, jr	Maryland	June 27, 1932	19	0
Banks, Samuel Macdonald	Oregon	June 24, 1932	19	3
Barker, Joseph Henry, jr	Connecticut	June 9, 1932	17	6
Barnard, Harry Allan, jr	Nebraska	June 14, 1932	19	5
Barnard, James Hills	New York	do	18	4
Barney, Greenleaf Haskell	Nebraska	July 25, 1932	18	0
Bates, Charles Joseph <i>b</i>	Illinois	Aug. 22, 1932	19	8
Baumeister, John, jr	Florida	June 13, 1932	20	0
Bayless, Walter Burkhart	Tennessee	June 16, 1932	17	7
Belden, James Mead <i>tb</i>	New York	July 7, 1931	19	8
Bell, George Brooker	California	June 14, 1932	19	6
Bennett, Fred Groch	Mississippi	June 27, 1932	16	10
Bennett, Warfield Clay, jr	Indiana	June 24, 1932	17	10
Benson, Lloyd George	Kansas	do	18	11
Bjarnason, Paul Henrik	California	Sept. 15, 1932	19	6
Blenman, William	Arizona	June 13, 1932	18	9
Blitch, Fred Ganahl <i>b</i>	Georgia	Aug. 22, 1932	19	11
Blitch, John Devereux	South Carolina	June 27, 1932	17	8
Boland, John Nathaniel	At large (Pres.)	do	19	0
Bonin, Robert Alexander	Wisconsin	June 13, 1932	19	3
Boyd, Walter William	Minnesota	June 9, 1932	19	10
Bradley, Richard Rumel, jr	Georgia	June 27, 1932	18	8
Bradley, Warren Waddel	California	July 2, 1932	19	6
Brent, Harrison, jr	Maryland	June 16, 1932	19	8
Brooks, Lester Newton	Indiana	July 12, 1932	20	3
Brown, Alfred Winsor, jr	At large (Pres.)	June 9, 1932	17	2
Brown, David Suggett	Mississippi	June 14, 1932	19	6
Brown, James Andrew	Tennessee	June 27, 1932	17	10
Bucken, George Bond <i>b</i>	New York	Aug. 22, 1932	19	4
Bull, Richard Salisbury, jr	Pennsylvania	June 23, 1932	19	6
Burcher, Ronald Earl	Ohio	June 13, 1932	19	11
Burkart, Herbert von Arx	Maryland	June 14, 1932	17	10
Butler, James King	Tennessee	June 16, 1932	18	3
Butler, Ovid McMaster	Indiana	June 14, 1932	18	2
Buttars, George Shryer	Michigan	July 2, 1932	20	1
Caldwell, Robert Hugh	Georgia	Aug. 1, 1932	19	0
Carmichael, John Harlee	Oklahoma	June 28, 1932	17	10
Carr, Albert Joseph	Virginia	June 27, 1932	18	3
Carson, Edward Bruce <i>tb</i>	Illinois	June 11, 1931	18	10
Chenault, Frederic Archibald	Florida	June 13, 1932	17	8
Clark, Clifford Friend	Virginia	June 16, 1932	19	4
Clayton, Marvin Clyde <i>tb</i>	Kentucky	June 18, 1931	19	11

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Coddington, James Arthur	Illinois	June 13, 1932	17	10
Cofod, Arthur Fred, jr.	New Jersey	June 14, 1932	19	10
Cole, Otis Robert, jr.	Michigan	June 27, 1932	17	1
Combs, Walter Vincent, jr.	At large (Pres.)	June 9, 1932	18	2
Connole, David Rickart	Illinois	do	19	9
Cooley, Hollis Welbourn	Michigan	June 14, 1932	18	3
Coppola, Joseph Augustus	Massachusetts	do	18	6
Corley, Marcus Leo, jr.	Louisiana	June 24, 1932	18	1
Court, John Martine	Texas	June 28, 1932	16	8
Covington, Fred Hargrave	North Carolina	June 13, 1932	18	7
Cramer, Alexander Wilson	Kansas	Aug. 8, 1932	19	7
Crary, James David	New York	June 14, 1932	17	2
Crawford, Earl Russell	Indiana	June 9, 1932	19	1
Cresap, Logan, jr.	New York	June 27, 1932	18	11
Crook, Joseph Alexander	Tennessee	June 13, 1932	16	5
Crowell, David Carleton, jr.	District of Columbia	June 20, 1932	19	11
Crutchfield, Jack Randolph	At large (Pres.)	June 9, 1932	16	11
Culpepper, Hugo Hurleston	Arkansas	do	19	5
Dabney, Thomas Bullard	Oklahoma	July 6, 1932	19	2
Damson, Samuel Irvin, jr.	Alabama	June 9, 1932	18	7
Daub, John Justus, jr.	Pennsylvania	June 20, 1932	17	1
Davenport, William Kyle, jr.	South Carolina	June 13, 1932	18	6
Dickson, Harlan Rockey	Ohio	June 14, 1932	17	9
Dockum, Donald Granville	Utah	June 16, 1932	18	8
Edleson, Stuart Kaufman	Kentucky	Sept. 12, 1932	17	6
Egnor, Robert Free	Indiana	June 11, 1932	19	3
Eisenbach, Charles Robert	New Jersey	June 9, 1932	17	9
Ellis, Charles John	Georgia	June 13, 1932	18	9
Ellis, William Anthony	At large (Pres.)	June 9, 1932	19	9
Embree, Ralph Arnold	Wyoming	June 20, 1932	17	9
English, John Thomas	Tennessee	June 27, 1932	20	0
Entler, Daniel McElroy, jr.	New Mexico	June 16, 1932	19	5
Evans, Herbert	Illinois	June 15, 1932	17	11
Evans, Joseph Lewis	Pennsylvania	June 27, 1932	19	10
Farrow, Benjamin Darwin, b.	Texas	Aug. 22, 1932	19	9
Faust, Allen Russell	Louisiana	June 14, 1932	18	5
Fellows, Carl Morton	Massachusetts	do	18	6
Ferguson, James Walter	New York	June 23, 1932	19	3
FitzGerald, Gerald Shurtleff	Minnesota	July 7, 1932	19	5
Fleming, Allan Foster	New Mexico	June 14, 1932	19	6
Flenniken, Clifton Wharton, jr.	New York	June 27, 1932	18	4
Folsom, Parker Lowell	Maine	June 15, 1932	19	1
Foose, Raymond A, jr.	West Virginia	June 16, 1932	19	6
Fowler, Gordon	Louisiana	June 11, 1932	18	8
Fowler, Richard Labbitt	North Dakota	June 16, 1932	19	1
Fox, Philip Hartman	Pennsylvania	do	19	2
Frank, Ellis Herbert	New York	June 18, 1932	17	4
Friedman, Ariel Leon	New Jersey	June 14, 1932	18	3
Furer, Albert Braly	Hawaii	July 18, 1932	19	1
Fussell, Henry Moore, 3d	Pennsylvania	June 16, 1932	18	6
Fyfe, John Kerr	New York	July 11, 1932	18	2
Galatian, Andrew Bedford, jr.	New Jersey	June 9, 1932	18	0
Gardes, Alfred Wiltz, jr.	Pennsylvania	June 20, 1932	18	11
Garver, Hugh Carlton, jr.	Illinois	June 9, 1932	18	2
Garvin, John Berkley	Mississippi	June 14, 1932	18	7
Gillette, Norman Campbell, jr.	Illinois	June 20, 1932	16	6
Gore, Charles Maxwell	do	June 28, 1932	19	0
Graham, Frank Campbell	Virginia	June 16, 1932	19	8

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Graham, John William	Iowa	June 9, 1932	19	3
Gray, James Osbourn	Maryland	June 16, 1932	20	1
Gray, James Seton, jr.	Wisconsin	do	18	5
Gray, Richard	Pennsylvania	do	19	7
Greenup, Francis Albert	District of Columbia	July 6, 1932	18	9
Grider, George William	P. A. 348 (Pres.)	June 24, 1932	19	9
Groner, William Trygve	Ohio	June 13, 1932	19	4
Gulliver, Louis Joseph, jr.	Maine	June 16, 1932	19	10
Gumz, Donald George	At large (Pres.)	June 9, 1932	18	4
Gustafson, Arthur Leonard	South Dakota	June 16, 1932	19	0
Guthrie, Newman Talbott	Kentucky	June 24, 1932	19	7
Gwatkin, Wesley Erving	Connecticut	June 16, 1932	18	9
Haas, Ralph	Alabama	Aug. 8, 1932	19	2
Hagenah, Verne Harry	Montana	July 19, 1932	20	3
Hanger, Willard Muirhead	Washington	June 16, 1932	18	10
Hansen, James Richard b	Indiana	Aug. 22, 1932	19	5
Harper, Isaac Thomas b	Texas	do	19	10
Hayler, Frank Edward	Indiana	June 13, 1932	17	9
Haynes, Samuel Caldwell	Alabama	do	18	11
Hays, Jack W.	Oklahoma	June 16, 1932	18	5
Hemenway, Henry Harold	Philippine Islands	July 18, 1932	19	5
Hercules, Christopher DeJean	Illinois	Aug. 1, 1932	20	0
Hewitt, John Davis, 3d	West Virginia	June 27, 1932	19	0
Heywood, Carl Winslow	Connecticut	June 9, 1932	19	0
Higginson, Robert Maynard	New York	June 14, 1932	18	0
Hinxman, Chester Eugene tb	Massachusetts	June 17, 1931	19	2
Hirshfeld, Ross Robertson	Arizona	June 13, 1932	17	5
Hiteshue, Raymond William Lester, jr.	Pennsylvania	June 20, 1932	17	5
Hoffman, Edward Earl	New York	June 15, 1932	18	8
Hoffman, Edmund Joseph	Ohio	June 14, 1932	18	11
Holcombe, Charles Mortimer	Pennsylvania	June 16, 1932	19	3
Holman, William Grizzard	Tennessee	do	19	7
Houston, Charles Edward	Minnesota	June 14, 1932	20	0
Hulson, William Terrill	Illinois	June 21, 1932	18	7
Humes, Ralph Randolph	Pennsylvania	June 16, 1932	19	3
Humphrey, Ernest Washington.	Nebraska	June 11, 1932	17	1
Hunter, Gould	New York	June 14, 1932	17	0
Hunter, John Charles b	Pennsylvania	Aug. 22, 1932	19	11
Hutchins, Charles Harris	Indiana	June 9, 1932	19	4
Huxtable, Edward John, jr.	Arizona	June 13, 1932	19	5
Icenhower, Joseph Bryan	West Virginia	June 16, 1932	19	3
Jahn, Edward Louis r	Nebraska	June 9, 1932	17	3
Janney, Johns Hopkins	Maryland	July 25, 1932	19	1
Johnson, Billy	Texas	June 16, 1932	19	6
Johnson, Clarence Leatherbury.	Alabama	Sept. 12, 1932	19	9
Johnson, Webster Cochran	Delaware	Sept. 10, 1932	17	8
Johnston, William John	Pennsylvania	June 27, 1932	18	10
Karasyk, Seymour	New York	June 20, 1932	18	9
Kaufman, William Metcalfe	At large (Pres.)	June 9, 1932	17	5
Kelly, Robert Francis	New York	July 25, 1932	19	10
Kiker, Wellborn Clarke	Georgia	June 13, 1932	17	6
Kimmel, Thomas Kinkaid	Texas	June 14, 1932	17	9
King, Ed Reuben, jr.	Tennessee	June 16, 1932	19	5
King, Thomas Starr, jr.	Illinois	June 9, 1932	17	6
Kircher, John Joseph	New Jersey	Aug. 27, 1932	19	8

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Kirkpatrick, Harlan Good	New Jersey	June 9, 1932	19	5
Kolb, Otto Ferdinand, jr.	Georgia	June 13, 1932	18	0
Kramer, William Francis	Pennsylvania	July 26, 1932	19	9
Krogh, Roy John	Minnesota	July 6, 1932	20	3
Kyte, Edwin Louis	New Jersey	June 14, 1932	19	5
Laizure, Dallas Morgan	At large (Pres.)	June 9, 1932	17	9
Lash, Frank Harry, jr.	Oklahoma	do	19	6
Law, Frank Gordon	Oregon	June 16, 1932	18	8
Lawrence, Calvin Hamilton	Michigan	June 15, 1932	18	7
Lewis, Jack Adams <i>tb</i>	Texas	June 17, 1931	18	7
Lewis, William Edward	Massachusetts	June 20, 1932	18	11
Lincoln, Frederick Irwin	Michigan	July 2, 1932	19	7
Lindsay, David Arthur	Illinois	July 9, 1932	19	9
Link, Everett Mottet, jr.	New York	June 14, 1932	18	0
Lockwood, Randolph Scott <i>b</i>	Kansas	Aug. 22, 1932	19	5
Lovell, Kenneth Karl	do	June 9, 1932	18	8
Lyster, Theodore Charles, jr.	California	July 18, 1932	17	10
Manley, Charles Conrad	Texas	June 13, 1932	19	9
Mann, Hoyt Dobbs	Alabama	July 2, 1932	19	7
Manning, Charles Sinkler, jr.	South Carolina	June 23, 1932	17	4
Martin, Daniel Allen	North Carolina	June 27, 1932	17	4
Martin, Elby Dexter, jr.	Tennessee	June 16, 1932	17	7
Masters, John Hillary	South Carolina	do	19	1
Maxwell, Porter Wilson	West Virginia	June 27, 1932	18	8
Mayhew, Ray Winfield	Ohio	June 14, 1932	18	4
McCauley, James Wickersham	Alaska	June 28, 1932	19	9
McDonald, Jasper Newton, jr. <i>b</i>	Georgia	Aug. 22, 1932	19	3
McElrath, Robert W.	Kentucky	June 13, 1932	19	9
McGrath, Malcolm Cushing	New York	do	18	6
McKellar, Clinton, jr.	Tennessee	June 16, 1932	17	8
McNerney, Thomas Loren	Minnesota	June 20, 1932	17	7
Meade, Randolph, jr.	Virginia	June 16, 1932	17	1
Merchant, Mylon Eugene	Vermont	June 13, 1932	19	1
Merker, Donald Charles	Illinois	June 9, 1932	18	6
Meyers, Richard William	Indiana	June 24, 1932	18	3
Michael, Fred Daniel	Oklahoma	June 20, 1932	18	10
Miller, Martin	New York	July 7, 1932	19	4
Miller, Sydney Robotham, jr.	Georgia	July 25, 1932	17	11
Millett, John Raymond <i>tb</i>	Massachusetts	June 16, 1931	19	5
Moore, Jack Cobb	Kentucky	June 14, 1932	18	5
Moore, Robert Brice	Iowa	June 13, 1932	18	1
Moran, James Henderson, jr.	Tennessee	June 16, 1932	19	2
Moreau, Jean Wilfred	New Hampshire	June 14, 1932	19	8
Myers, Richard Louis	Georgia	June 13, 1932	17	10
Near, William Beekman	Wisconsin	June 27, 1932	19	6
Neve, Willard Eugene	Georgia	June 13, 1932	17	6
Neyman, Robert Leslie	At large (Pres.)	June 9, 1932	17	3
Nimitz, Chester William, jr.	do	do	17	4
Noel, John Vavasour, jr.	South Carolina	June 16, 1932	20	0
Nohrden, Maynard Martin	do	June 13, 1932	20	0
Odell, Malcolm Jamieson	Illinois	do	20	0
Odening, Robert Ernest	California	July 15, 1932	18	7
Oelheim, Bennett Charles	New York	June 9, 1932	19	5
O'Grady, James Wadsworth	New York	June 28, 1932	19	8
Orr, Ellis Burton	Michigan	June 14, 1932	18	3
Orvis, Ward Charles	At large (Pres.)	June 9, 1932	18	8
Oseth, John Marcus	Kansas	June 13, 1932	18	5

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Palmer, Fitzhugh Lee, jr.	Virginia	June 24, 1932	18	7
Pananides, Nicholas Alexander ..	New Mexico	Aug. 22, 1932	19	6
Parham, William Brownlee	Alabama	June 13, 1932	16	9
Patterson, Joseph Hester	Oklahoma	June 16, 1932	19	10
Patterson, Maurice Clifford	Indiana	June 13, 1932	19	11
Paul, Duane Myron <i>b</i>	Iowa	Aug. 24, 1932	20	5
Perkins, Van Ostrand	New York	June 14, 1932	18	6
Perry, Frederic Edward	Illinois	July 8, 1932	20	2
Phillips, Charles Klingelhofer ..	Pennsylvania	July 11, 1932	17	7
Phillips, Jewett Olean, jr.	Missouri	June 14, 1932	18	6
Phinney, John Howard <i>b</i>	Oklahoma	Aug. 22, 1932	19	10
Pinkerton, Dale Farnsworth	Colorado	June 13, 1932	19	2
Pratt, Richard Rockwell	Indiana	June 28, 1932	17	8
Premo, Oliver Perry	California	June 20, 1932	19	11
Preston, John Paul	do	July 2, 1932	20	1
Prewitt, Ben Francis	Tennessee	June 25, 1932	19	9
Price, William Nutting	Georgia	June 27, 1932	17	10
Pulos, Ted Ernest	Nebraska	June 9, 1932	19	7
Quackenbush, Delmer Francis, jr.	Michigan	June 14, 1932	17	3
Rankin, Bolton Simms <i>b</i>	Texas	Aug. 22, 1932	20	5
Rawlings, John Birkner	Nebraska	June 14, 1932	18	3
Raymond, Charles Ira, jr.	New York	June 27, 1932	18	9
Reed, Allen Bevins, jr.	Missouri	July 27, 1932	20	2
Reed, James Thomas	Tennessee	June 24, 1932	19	10
Reed, Marion Joel	Georgia	June 13, 1932	17	3
Rengel, Joseph Carl	Ohio	June 14, 1932	18	11
Rice, Joseph Enoch	South Carolina	June 27, 1932	18	2
Richardson, David Charles	Pennsylvania	June 27, 1932	18	3
Roberson, William Dean	Illinois	June 13, 1932	19	4
Robertshaw, Louis Bentham	Pennsylvania	June 24, 1932	19	11
Robinson, Frank Mason	Ohio	July 25, 1932	17	11
Romberg, Henry Arnold	Nebraska	June 14, 1932	20	0
Ross, Leroy Williams	New York	June 27, 1932	19	1
Rothwell, Richard	West Virginia	June 16, 1932	18	7
Rutter, James Boyd, jr.	Pennsylvania	do	17	0
Ryan, Paul Brennan	Massachusetts	do	19	2
Rydeen, Francis Clyde	Virginia	do	19	9
Ryder, John French	Oregon	July 18, 1932	18	7
Samuel, Thomas William	Tennessee	June 16, 1932	19	5
Sanford, Merrill Merritt	New York	July 19, 1932	19	10
Sauer, Henry Minor	California	July 6, 1932	19	10
Sauer, Kline G.	Illinois	do	19	6
Schlech, Walter Frederick, jr.	New York	July 7, 1932	17	1
Schwaner, Henry Carl, jr.	Illinois	do	18	10
Seaman, David Sands, jr.	Ohio	June 27, 1932	19	9
Seibert, Robert Turner	Missouri	June 11, 1932	19	0
Seiler, Dayton Albert	Tennessee	June 27, 1932	18	6
Semmes, James Lardner	Illinois	June 16, 1932	17	4
Sexton, Ormond Griffith	do	Aug. 8, 1932	19	4
Seyford, Frederick Charles	At large (Pres.)	June 9, 1932	19	5
Seymour, Glenn Edward <i>tb</i>	Georgia	June 11, 1931	17	6
Shackelford, Holiday Clay	Kentucky	June 27, 1932	19	11
Shaw, James Clair	Minnesota	June 23, 1932	19	0
Shea, William Henry, jr.	Virginia	June 16, 1932	19	2
Shepard, John Sullivan <i>b</i>	Wisconsin	Aug. 22, 1932	19	11
Sherby, Sydney Samuel	Ohio	June 23, 1932	17	1
Shetenhelm, Philip Emerson	Michigan	June 14, 1932	19	6

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Shilling, Samuel George <i>ib</i> ----	Pennsylvania-----	July 7, 1931	20	1
Short, Gilbert Henry-----	At large (Pres.)-----	June 9, 1932	18	5
Silvey, Eben Hilmer <i>b</i> -----	Ohio-----	Aug. 24, 1932	19	8
Sinclair, James Alva <i>b</i> -----	Texas-----	do-----	20	0
Sleight, Robert Campbell-----	New York-----	Aug. 8, 1932	19	11
Slonim, Gilven Max-----	Minnesota-----	June 16, 1932	18	9
Small, William Andrew-----	New York-----	June 20, 1932	17	8
Smith, Millard John-----	South Dakota-----	July 26, 1932	17	2
Snyder, Walter Douglas, jr-----	Wisconsin-----	June 9, 1932	19	2
Spencer, John Herbert-----	Massachusetts-----	June 11, 1932	19	11
Sprenger, Herbert Douglas-----	Ohio-----	June 14, 1932	19	5
Springer, Frank Gustav-----	Massachusetts-----	July 15, 1932	17	10
Stark, Harry Boger-----	Ohio-----	June 16, 1932	18	2
Stiles, Wilfrid Hollingsworth-----	Alabama-----	June 13, 1932	19	4
Stimson, Paul Cecil-----	Washington-----	June 20, 1932	18	5
Stockman, William Jennings-----	Illinois-----	June 16, 1932	19	3
Streeter, Richard Collington-----	do-----	June 21, 1932	19	10
Summers, Paul Edward-----	Tennessee-----	June 16, 1932	18	9
Swift, Henry Miller Steel-----	Massachusetts-----	June 20, 1932	19	8
Teel, Richard Ashley-----	Maryland-----	do-----	18	6
Terry, James Hugh, jr-----	Alabama-----	June 13, 1932	18	3
Thacher, Robert Allsopp-----	New Jersey-----	June 16, 1932	18	10
Thing, Wilbur Wentworth-----	South Carolina-----	June 13, 1932	17	9
Thomas, William Bismarck-----	Kansas-----	June 14, 1932	18	8
Thompson, Floyd Thomas-----	Ohio-----	do-----	17	2
Thompson, Marshall Fery-----	South Carolina-----	June 16, 1932	19	6
Thompson, Ray Selwyn, jr-----	Texas-----	June 13, 1932	17	4
Tilburne, Leopold Rousseau-----	New York-----	June 16, 1932	17	10
Traynor, Francis Moffitt-----	At large (Pres.)-----	Aug. 3, 1932	17	3
Trott, Stanton Mills-----	New York-----	June 14, 1932	17	5
Turner, John Henderson-----	At large (Pres.)-----	June 9, 1932	18	10
Turner, Renfro, jr-----	Arkansas-----	June 24, 1932	18	7
Tyler, Paul Robert-----	New York-----	June 14, 1932	18	10
Tyree, Alexander Kelly-----	Virginia-----	July 7, 1932	16	10
Usara, Julio Joseph-----	Puerto Rico-----	June 16, 1932	19	5
Vogel, Raymond William, jr-----	Michigan-----	July 11, 1932	16	10
Wagner, George Andrew, jr-----	Mississippi-----	June 14, 1932	17	7
Wallace, Richard William-----	Iowa-----	June 9, 1932	20	0
Walsh, Raymond Arnold, jr-----	Missouri-----	July 12, 1932	19	5
Walton, John Hill-----	Kansas-----	June 21, 1932	19	10
Ward, Theodore Sheffer-----	Iowa-----	June 9, 1932	19	7
Ware, Bruce Richardson, 3d-----	Connecticut-----	June 20, 1932	18	4
Washington, Jaquelin Marshall-----	Virginia-----	June 16, 1932	17	6
Weinel, August Fredrick-----	Illinois-----	do-----	17	8
Welker, Charles Lee-----	Indiana-----	June 13, 1932	19	4
Wendel, William Hall-----	Pennsylvania-----	June 16, 1932	17	7
Wetack, John Theophilus-----	Kansas-----	June 14, 1932	18	6
Whiting, George Harris-----	North Carolina-----	do-----	17	9
Whitmyre, George Robert-----	Pennsylvania-----	June 16, 1932	18	3
Wicks, John Edward, jr-----	New Jersey-----	June 14, 1932	18	2
Wild, Phillip Grant, jr-----	Missouri-----	July 18, 1932	19	8
Williams, Robert Jay-----	Washington-----	June 16, 1932	18	7
Willman, Donald Erzinger-----	Illinois-----	June 10, 1932	19	1
Wilson, David McCord-----	Vermont-----	July 7, 1932	18	0
Wilson, Donald Worrall-----	Pennsylvania-----	do-----	17	10
Wilson, Rudolph Hayes-----	California-----	July 6, 1932	19	1

Midshipmen of the fourth class (class of 1936), 338 members—Continued

Names	Appointed from—	Date of admission	Age at date of admission	
			Years	Months
Winne, George Morris-----	Oregon-----	June 20, 1932	19	1
Woodville, Jonathon Leopold Warren, jr.	Louisiana-----	June 27, 1932	18	5
Wright, Sherman E, jr-----	Oregon-----	June 13, 1932	18	9
Wright, William Harry-----	Alabama-----	do-----	18	6
Yoho, Jud Francis, jr <i>tb</i> -----	Ohio-----	June 16, 1931	19	6
Young, Howard Malcolm-----	do-----	June 14, 1932	20	1
Zabriskie, David, jr-----	California-----	June 9, 1932	19	9

b Readmitted; date given is date of readmission.

dd Died.

f Dismissed.

r Resigned.

rr Resigned on account of unsatisfactory conduct.

tb Turned back from class of 1935.

SUMMARY OF MIDSHIPMEN AT UNITED STATES
NAVAL ACADEMY AT BEGINNING OF ACADEMIC
YEAR 1932-33 (SEPTEMBER 23, 1932)

First class (class of 1933).....	448
Second class (class of 1934).....	480
Third class (class of 1935).....	524
Fourth class (class of 1936).....	337
Total.....	1,789

APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

September 26, 1931 to September 23, 1932

STATISTICAL DATA OF THE GRADUATING CLASS OF 1932

Total membership on entrance (including 13 turned back from class of 1931 and 31 ex-midshipmen readmitted)-----	611
Subsequently turned back into this class-----	12

623

Separations:

Involuntary resignations—

Academic deficiencies-----	104
Conduct-----	24
Physical disability-----	15
Over age on admission-----	1
Marriage-----	1

Voluntary resignations-----	25
Turned back into next lower class-----	24
Dismissed-----	3
Died-----	3

200

Membership of graduating class as shown by the merit roll for the 4-year course-----	423
--	-----

Did not complete course due to illness:

Required to resign-----	1
Dropped for refusing to tender resignation on account of being physically disqualified-----	1

2

Total number graduated and awarded diplomas-----	421
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Required to resign upon graduation:

On account of conduct-----	6
Physically disqualified-----	13

Voluntarily resigned upon graduation-----	22
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41

Total number commissioned:

Ensigns, line-----	355
Second Lieutenants, United States Marine Corps-----	25

380

The attrition from all causes during the 4-year course was 32.4 per cent, as compared with 48.7 per cent for the class of 1928, 42.8 per cent for the class of 1929, 33.1 per cent for the class of 1930, and 29.1 per cent for the class of 1931.

Members of the class of 1932 (graduated June 2, 1932) appointed on probation as ensigns or second lieutenants in the Marine Corps, as indicated, in accordance with an act of Congress approved May 6, 1932

[Arranged in order of merit for the completed course. Read first column, then second, etc.]

APPOINTED ENSIGNS

Mandelkorn, R. S.	Shaw, S. L.	Bull, W. I.
Fawkes, E. E.	Sunderland, M.	Foley, F. D.
Ruckner, E. A.	Knoertzer, H. A.	Kirn, L. J.
Schultz, F. B.	Coleman, H. M.	Gold, C. C.
Weschler, C. J.	Franklin, W. R.	Wilson, W. R.
Mitchell, G. H.	Best, R. H.	Simmers, C. R.
Frazer, C. L.	Raring, G. L.	Pitts, R. M.
Baker, O. E.	Brown, L. S.	Van Evera, J. R.
Waters, H. D., jr.	Stoner, H. F.	White, T. H.
Sosnoski, H.	Jacobs, J. F., jr.	Hughes, G. E.
Van Slyke, F. A.	Bailey, B. L.	Leverett, T. R.
Miller, W. R.	Thomas, D. I.	Smith, Levering.
Ward, A. G.	Lietwiler, J. M.	Cook, H. S.
Hurst, E. W.	Underwood, G. W.	Woodward, E. C.
Ernst, S. A.	Dale, R. H.	Sargent, H. L.
Munson, H. G.	Wellings, A. A.	Vandling, R. E.
Horner, J. S.	Spangler, J. G.	Fleck, T. M.
Mustin, L. M.	Reilly, J. V.	Cope, A. L.
Keyes, C. M.	Dropp, A. H.	Carroll, D. L., jr.
Pfingstag, P. W.	Coleman, W. D.	Grider, J. M.
Jaap, J. A.	Fulton, R. B., 2d.	Williams, Richard C., jr.
Bowers, T. K.	Small, S. C.	Gregory, R. V.
Bryan, L. A.	Kuhl, J. H.	Zink, W. T., jr.
Lewis, P.	Dimitrijevic, W. J.	Loughlin, J. J., jr.
Hull, H.	Kintberger, L. S.	Murphy, C. L., jr.
Evans, R. L.	Archer, S. M.	Slayden, A. W.
Wilson, R. L.	Pavlic, M. F.	Schroeder, W. P.
Palmer, C. J.	Acker, F. C.	Bandy, J. I.
Hodge, E. D.	Leeds, J. R.	Moore, H. G.
Weeks, R. H.	Simpson, R. T.	Greenlee, A. W.
Caley, A. D.	Ford, J. C., jr.	Sugarman, C. M.
Brown, W. W.	Prince, H. R.	Beardslee, G. R.
Bailey, G. W.	Gibson, S. K.	Perkins, W. B., jr.
Reiter, H. L., jr.	Lark, J. A.	Wilson, R. M.
Willard, C. S.	Corry, J.	Craighill, R. S.
Brumby, F. H., jr.	Douglass, F. M.	Hendrick, H. L.
Scott, D. D.	Silverstein, M.	Hayes, J. H.
Gramlich, F. M.	Harrington, P. H.	Short, W. B., jr.
Kinert, D. F.	Wylie, J. C., jr.	Weston, W. H.
Frakes, D. R.	Richards, W. L.	Hydeman, E. T.
Brown, S. W.	Munholland, J.	Hunter, G. C.
Morse, J. H., jr.	Campbell, H. J.	Myers, J. C.
Kelly, W. D.	Kehl, G. W.	Schmidt, M. G.
Ruhlman, F. L.	Odend'hal, C. J., jr.	Williamson, T. F.
Townsend, W. E.	Grouleff, P. H.	Blaisdell, N. E.
Osler, P. G.	Kaufman, J. H.	DeLong, H. C.
Lambert, R. H.	Nicholas, N. J.	Carpenter, T. E.
Abrahamson, E. P.	Kerr, R. H.	Thorn, W. A.

Blair, R. H.	Smythe, L. W.	McCornock, S. A.
Finney, E. P., jr.	Coombs, R. E., jr.	Schwartz, I. J.
Maulsby, R. J. C.	Wintle, J. W.	Moore, J. A.
Beer, R. O.	Freund, B. W.	Dennett, M. E.
Eastwold, E. R.	Smith, Reynolds C.	Leonard, R. C.
Langen, T. D. F.	Konrad, E. G.	Davis, J. B.
Craig, J. G., jr.	Payne, E. K.	Stannard, W. T.
Kemper, J. L.	Goodman, D. C.	Underwood, R. D.
Spiers, J. R.	Asman, E. C.	O'Connor, M. B.
Outerson, W.	Latta, F. D.	Rice, G. F.
Van Every, S. A., jr.	Roblin, R. D.	Smith, J. B.
Young, R. C.	Cox, W. R.	Smiley, C. B.
Warfield, T. G.	Hutchings, C. S.	Phares, E. L.
Lank, T. S.	Gorsline, R. H.	Munger, M. T.
Parker, F. M.	Seely, H. W.	Sampson, N. J.
Johnson, R. C.	Kasperek, C. E.	Chambers, T. E.
Atkins, B. K.	Lunger, J. P.	Wilson, G. R.
Little, R. B.	McCandless, B.	McCormick, J. J.
Everett, J. L., jr.	Humes, R. M.	Fahy, J. S.
Brannon, H. R.	Rhoads, N. B., jr.	Harral, B. J.
Hobbs, G. O.	Garrison, M. E.	Roach, J. P.
Tagg, W. L.	Gates, A. E., jr.	Moore, R. B.
Stuart, W. A.	Hardie, T. G.	Halsey, L. B.
Snowden, E. M.	Billingsley, E. B.	Clement, J. M.
Adams, A. B., jr.	Pierce, G. E.	Kaplan, A. D.
Allen, H. I., jr.	Phillips, C. E.	Thomas, J. A.
Howe, F. N.	Witherow, J. F., jr.	Fairbanks, J. F., jr.
Quarles, S. F.	Bunce, P. G.	Strickler, R. L.
Marshall, J. G.	Shelton, H. E., jr.	James, G. S., jr.
Utter, H. T.	Crowley, D. S.	McDonald, D. H.
Walker, R. P.	Lockwood, H. C.	Stieler, R. E.
Shumway, D. W.	Nisewaner, T. A.	Jewett, G. W., jr.
Groverman, W. H., jr	Gothie, D. S.	Cann, P. W.
Wagnon, L. E.	Musgrave, C. W.	Moncure, S. P.
Williamson, M. W.	Bigaouette, F. J.	Hooper, J. H.
Matter, A. R.	Brindupke, C. F.	Faires, C. F., jr.
Nuessle, F. E.	Hutchinson, G. L.	Smith, D. F., jr.
Close, B. E.	Connaway, F.	Robards, W. C. F.
Andrew, J. D.	Harwood, R. D.	Taylor, E. W.
Lewis, John S.	Baker, R. L.	McLeod, D. K.
Hamilton, M. J.	Wolsieffer, F.	Jonson, W. C., jr.
Vanous, W. W.	Williams, P. D.	Lamade, J. D.
Emrick, P. E.	Mather, M. C.	Flenniken, J. A.
Counihan, J. L., jr.	Montgomery, T. J.	Dibrell, A. G., jr.
Feldscher, W.	Koivisto, M. M.	Dial, N. M.
Parker, A. E.	Ottinger, G. M.	Smith, Lawrence.
Rogers, G. P.	Chittenden, J. L.	McCrea, V. B.
Shinn, A. M.	Widhelm, W. J.	Lucier, R. O.
Johnson, J. H. S.	Winter, W., jr.	Major, A. S., jr.
Bellinger, G. L.	Ramey, J. W.	Wildner, A.
Luker, G. R.	De Witt, J. C., jr.	Roudebush, J.
Vorpahl, A. H.	McIver, D. C.	McCarley, H. H.
Mallory, C. K., jr.	Innis, W. D.	Ovron, A. A.
Pressey, G. W.	Vaughan, J.	Letts, K. P.
Kenna, W. E.	Williamson, L.	Goodgame, R. E., jr.

Raymond, W. H., jr.
Hopkins, T. W.
Domenech, J. P.
Wigelius, F. E.
McGoldrick, J. A.
Goodhue, A. A.
Catlett, W. J., jr.
Jukes, H. L.
Collett, J. D.
Quirk, P. D.
Born, H. E.
Chase, I., jr.
Johnson, Clifford A.
Lowndes, T. P.
Scherini, O. A.
Everett, C. H., jr.

Owens, H. A.
Lanman, C. B.
Townsend, H. E.
McAlpine, L. H.
Sutton, J. J.
Arthur, L. A.
Binns, J. A.
Mang, L. W.
Chase, E. G.
Greene, R. O.
Porter, G. E., jr.
Head, H. H.
Tennent, J. G., 3d.
Lyons, W. B. B.
Keene, C., jr.
Speer, J. O.

Coxe, A. B., jr.
Vaughan, F. O.
Tuttle, M. H.
Kretz, C. H., jr.
Vrooman, W. T.
Lyons, C. M., jr.
Short, W. C., jr.
Mayer, R. H.
Smith, C. H.
Shea, J. D.
Scott, R. C.
Perkins, C. E.
Parrish, L. W.
Adams, R. D.

APPOINTED SECOND LIEUTENANTS IN MARINE CORPS

Porter, R. R.
Murray, E. N.
Denig, R. L., jr.
Klinksiek, H. T.
Heinlein, O. A., jr.
Asmuth, W., jr.
Turton, H. J.
Fawcett, M. A.
Cobb, C. O.

Colley, T. J.
Starr, M. T.
Bowser, A. L., jr.
Thompson, J.
Corson, G.
Enright, W. K.
Tschirgi, H. C.
Bisson, R. O.
Bigler, J. C.

Thompson, F. C.
Carroll, G. N.
Humiston, J. G.
Keen, C. R.
Smith, J. G.
Shovestul, P. J.
de Zayas, H.

DEATHS

Name	Class	Date of death
Jones, John Paul, jr.-----	1932	Feb. 28, 1932
Metcalf, Charles Max-----	1935	July 7, 1932

DROPPED

Symbol ¹	Name	Class	Date dropped
<i>p</i>	Snyder, Philip Leroy-----	1932	May 25, 1932

¹ NOTE.—See p. 31 for explanation of symbols.

RESIGNATIONS

Symbol ¹	Name	Class	Date resigned
<i>g</i>	Adams, William Muirhead-----	1934	Feb. 5, 1932
<i>g</i>	Atwood, Harry, jr-----	1935	June 11, 1932
<i>g</i>	Babb, John Herbert, jr-----	1935	Oct. 30, 1931
<i>r</i>	Bachmann, Carl Henry-----	1934	Nov. 18, 1931
<i>c</i>	Bailey, Benjamin Franklin-----	1932	June 2, 1932
<i>r</i>	Baker, Leonard Passano, jr-----	1935	Feb. 12, 1932
<i>rr</i>	Barnard, Lewis, jr-----	1934	Mar. 9, 1932

RESIGNATIONS—continued

Symbol ¹	Name	Class	Date resigned
<i>i</i>	Barrett, Osborn Thurston.....	1935	Feb. 9, 1932
<i>i†</i>	Bates, Charles Joseph.....	1935	May 28, 1932
<i>rr</i>	Beard, Thomas Wilson.....	1933	Mar. 9, 1932
<i>i</i>	Bischoff, Richard Andrew.....	1935	Aug. 12, 1932
<i>i</i>	Blake, Homer Cornelius, jr.....	1935	Feb. 9, 1932
<i>i†</i>	Blitch, Fred Ganahl.....	1935	May 28, 1932
<i>i</i>	Bozarth, John William.....	1934	Feb. 12, 1932
<i>d</i>	Brewer, Cyrus.....	1932	June 2, 1932
<i>i</i>	Bryan, Edward Payson, 3d.....	1935	Feb. 9, 1932
<i>i†</i>	Bucken, George Bond.....	1935	May 28, 1932
<i>b</i>	Burdick, Dunbar Graves.....	1932	June 22, 1932
<i>c</i>	Burrowes, Edward Elgin.....	1932	June 2, 1932
<i>d</i>	Bush, Horace Peters, jr.....	1932	Do.
<i>e</i>	Caperton, Harry Overton.....	1932	June 11, 1932
<i>r</i>	Carter, William Thomas.....	1933	Jan. 11, 1932
<i>r</i>	Childs, Colvin Burr, jr.....	1935	Feb. 24, 1932
<i>g</i>	Church, Merton Elbridge.....	1935	Dec. 24, 1931
<i>g</i>	Clark, Walter Lucas.....	1933	May 27, 1932
<i>i</i>	Culhane, Thomas Anslem, jr.....	1935	Apr. 8, 1932
<i>i</i>	Cullen, John Edward, jr.....	1935	Do.
<i>r</i>	Danenhower, John.....	1934	Nov. 16, 1931
<i>r</i>	Davison, George Glass.....	1934	Nov. 21, 1931
<i>g</i>	Dickinson, Albert William.....	1932	June 2, 1932
<i>g</i>	Dillon, Richard Joseph, jr.....	1933	May 27, 1932
<i>d</i>	Dobbs, William Adams.....	1932	June 2, 1932
<i>i</i>	Donohue, Daniel James.....	1935	May 28, 1932
<i>c</i>	Dreany, Harry Hayes.....	1932	June 2, 1932
<i>i</i>	Eggers, Maynard Woodrow.....	1935	May 28, 1932
<i>d</i>	Elliott, Lynn Thomas.....	1932	June 3, 1932
<i>g</i>	Ellison, James McMechan, jr.....	1934	Oct. 19, 1931
<i>i</i>	Emmer, Robert Joseph.....	1935	Feb. 9, 1932
<i>g</i>	Fang, Owen Elkins.....	1932	June 2, 1932
<i>i</i>	Fite, William Conyers, jr.....	1935	Aug. 12, 1932
<i>i</i>	Foley, James Francis.....	1934	Apr. 8, 1932
<i>i</i>	Foster, Clifford Gordon.....	1935	Feb. 9, 1932
<i>i</i>	Franck, William Norman.....	1934	Do.
<i>g</i>	Gamble, Robert Lynn.....	1932	June 2, 1932
<i>g</i>	Gautzsch, Frederick Ivory.....	1934	May 27, 1932
<i>i</i>	Gilmore, Durward Wilson.....	1935	Aug. 12, 1932
<i>i</i>	Gowell, Gerald Elbert.....	1935	May 28, 1932
<i>g</i>	Gris, Robert Maurice.....	1935	Apr. 11, 1932
<i>r</i>	Hahn, Henry Bentley.....	1933	Dec. 21, 1931
<i>i</i>	Hale, Richard Benton.....	1935	May 28, 1932
<i>i</i>	Hampson, John Crawford.....	1934	Feb. 9, 1932
<i>i</i>	Hansen, James Richard.....	1935	Aug. 12, 1932
<i>rr</i>	Hanson, Albert Eugene.....	1932	May 9, 1932
<i>g</i>	Happel, Frank Alexander.....	1933	June 3, 1932
<i>i†</i>	Harper, Isaac Thomas.....	1935	Feb. 9, 1932
<i>g</i>	Harper, Richard Vaughan.....	1933	May 27, 1932
<i>g</i>	Harper, Thaddeus Stevens, jr.....	1935	Dec. 7, 1931

RESIGNATIONS—continued

Symbol ¹	Name	Class	Date resigned
<i>g</i>	Hartman, Frank Edward.....	1935	Sept. 30, 1931
<i>i</i>	Harvard, Fountain Eugene.....	1935	Feb. 9, 1932
<i>d</i>	Harwell, Joseph LaPrade.....	1932	June 2, 1932
<i>i</i>	Hatch, Brooke Henry.....	1934	Apr. 8, 1932
<i>i</i>	Haworth, Karl Frederick.....	1933	Feb. 9, 1932
<i>i</i>	Hayden, Reynolds Howard.....	1933	Do.
<i>i</i>	Heath, George Dawson, 3d.....	1934	Apr. 8, 1932
<i>r</i>	Hill, Lucien Aubrey.....	1935	Dec. 21, 1931
<i>r</i>	Hines, Duncan Ludlow.....	1935	Jan. 20, 1932
<i>d</i>	Hodgkins, Edward Ruggles.....	1932	June 2, 1932
<i>g</i>	Holloway, Carlton Elbridge.....	1932	Do.
<i>rr</i>	Holloway, William Ponder.....	1932	Apr. 8, 1932
<i>d</i>	Holmes, William McClintic.....	1932	June 2, 1932
<i>rr</i>	Honnold, Isaac Preston.....	1934	Apr. 2, 1932
<i>i</i>	Houck, Ray Wallen.....	1934	July 29, 1932
<i>i</i>	House, Arthur Emerson.....	1934	Feb. 9, 1932
<i>i</i>	Howell, Parker McClure.....	1935	Aug. 12, 1932
<i>d</i>	Howle, Wilbur Graham.....	1932	June 2, 1932
<i>d</i>	Hummer, Harry Cessna.....	1932	Do.
<i>d</i>	Humrichouse, James Walker.....	1932	Do.
<i>i†</i>	Hunter, John Charles.....	1935	May 28, 1932
<i>g</i>	Hurley, Thomas Benedict.....	1932	June 2, 1932
<i>g</i>	Jackson, Charles Pollard, jr.....	1934	May 27, 1932
<i>r</i>	Jahn, Edward Louis.....	1936	July 8, 1932
<i>d</i>	Johnson, Stanley Howard.....	1932	June 2, 1932
<i>r</i>	Jones, Kinsey.....	1935	Feb. 9, 1932
<i>i</i>	Jordan, Harry Philip, jr.....	1935	May 28, 1932
<i>i</i>	Kayser, James Kenneth.....	1935	Feb. 9, 1932
<i>r</i>	Kesl, William Joseph.....	1934	Dec. 31, 1931
<i>i</i>	Kimbell, Henry Tyus, jr.....	1934	Apr. 8, 1932
<i>g</i>	King, Otis Bascom.....	1932	June 2, 1932
<i>d</i>	Knock, Daniel Clyde, jr.....	1932	Do.
<i>c</i>	Labouisse, Samuel Stanhope.....	1932	Do.
<i>d</i>	Lapidus, Earl Alvin.....	1932	Do.
<i>d</i>	Lavery, Richard John.....	1932	Do.
<i>i</i>	Lawson, Ernest Charles, jr.....	1934	Apr. 8, 1932
<i>i</i>	Leming, Edward Rozier.....	1935	Feb. 9, 1932
<i>d</i>	Lewis, Walter Henry.....	1932	June 2, 1932
<i>i†</i>	Lockwood, Randolph Scott.....	1935	May 28, 1932
<i>r</i>	Lovei, John Carter.....	1933	Jan. 6, 1932
<i>i</i>	Lucas, Samuel Brooks.....	1934	Feb. 9, 1932
<i>f</i>	Lyon, Thomas Emery.....	1933	June 18, 1932
<i>c</i>	Maher, Eugene Hugh.....	1932	June 2, 1932
<i>g</i>	Mahoney, Martin Joseph.....	1933	May 27, 1932
<i>r</i>	Marks, Robert Wallace, jr.....	1935	Jan. 20, 1932
<i>i</i>	Matthews, Wilton Edgar.....	1934	May 28, 1932
<i>i†</i>	McDonald, Jasper Newton, jr.....	1935	Feb. 9, 1932
<i>i</i>	McKenzie, Charles Vandervere.....	1935	Do.
<i>i</i>	McKissack, Thompson Pope.....	1934	July 29, 1932
<i>i</i>	McLean, Ronald Edward.....	1934	June 10, 1932

RESIGNATIONS—continued

Symbol	Name	Class	Date resigned
<i>i</i>	McLeod, William Fisher.....	1935	Feb. 9, 1932
<i>r</i>	McNeill, Chauncey.....	1933	Do.
<i>r</i>	Meador, Equeen Burleson.....	1932	Feb. 19, 1932
<i>i</i>	Medley, Beverly McKennie.....	1935	Aug. 12, 1932
<i>i</i>	Merrill, Ralph Standish.....	1934	Feb. 9, 1932
<i>i</i>	Miller, John George.....	1934	Do.
<i>g</i>	Miller, John Stanley.....	1932	June 2, 1932
<i>g</i>	Miller, Leonard Manning.....	1934	May 27, 1932
<i>i</i>	Montross, Joseph George.....	1934	Apr. 8, 1932
<i>c</i>	Morgan, Robert Arlan.....	1932	June 2, 1932
<i>i</i>	Morse, Kirtland.....	1935	Feb. 9, 1932
<i>g</i>	Mulcahy, Timothy John, jr.....	1934	Feb. 5, 1932
<i>d</i>	Murphy, Jerome Elmer, jr.....	1932	June 2, 1932
<i>rr</i>	Neely, William Lockheart.....	1935	Feb. 11, 1932
<i>b</i>	Nelson, Carl Philip.....	1932	June 22, 1932
<i>i</i>	Nordan, James Harold.....	1935	Feb. 6, 1932
<i>g</i>	O'Donnell, James Francis.....	1934	Oct. 12, 1931
<i>rr</i>	Oliver, John Leslie.....	1935	Do.
<i>i</i>	Orr, William Paynter, 3d.....	1935	Aug. 12, 1932
<i>i</i>	Paradiso, Anthony Charles.....	1935	Feb. 9, 1932
<i>i</i>	Parker, Haswell.....	1935	Do.
<i>i†</i>	Paul, Duane Myron.....	1935	Do.
<i>i</i>	Payne, Frederick Rounsville, jr.....	1934	Apr. 8, 1932
<i>i</i>	Phillips, Seiler George.....	1934	Feb. 9, 1932
<i>i†</i>	Phinney, John Howard.....	1935	Do.
<i>rr</i>	Phipps, Joseph Clark.....	1932	Mar. 28, 1932
<i>i</i>	Pierce, Horace Abhue, jr.....	1935	Feb. 9, 1932
<i>g</i>	Pinkston, Earl Roland.....	1932	June 2, 1932
<i>i</i>	Platt, Francis Chedsey.....	1934	Aug. 12, 1932
<i>g</i>	Pletta, Fred Arthur.....	1932	June 2, 1932
<i>i</i>	Powell, Ralph Emerson, jr.....	1935	Feb. 9, 1932
<i>i</i>	Purdy, Richard Hubbard.....	1935	Do.
<i>i</i>	Quesnell, Edmond Rudell.....	1934	Apr. 8, 1932
<i>i†</i>	Rankin, Bolton Simms.....	1935	Feb. 9, 1932
<i>i</i>	Reel, Owen Earle.....	1935	Do.
<i>r</i>	Roberts, Charles Theodore.....	1933	Oct. 9, 1931
<i>g</i>	Robison, Clifford Ellsworth.....	1933	May 27, 1932
<i>i</i>	Rose, Francis Rhea.....	1935	Feb. 26, 1932
<i>rr</i>	Ross, Robert Davis.....	1932	Oct. 22, 1931
<i>i</i>	Roth, Kenneth George.....	1935	Apr. 8, 1932
<i>g</i>	Rounds, Horace Priest.....	1932	June 2, 1932
<i>r</i>	Rozea, Russell Edward.....	1933	Dec. 23, 1931
<i>i</i>	Ryan, William Joseph.....	1935	Aug. 12, 1932
<i>r</i>	Schall, Thomas Douglas, jr.....	1933	Apr. 30, 1932
<i>i</i>	Scheibla, Louis Collins.....	1935	May 28, 1932
<i>r</i>	Schroeder, William Frederick, III.....	1935	June 6, 1932
<i>i†</i>	Shepard, John Sullivan.....	1935	May 28, 1932
<i>g</i>	Sidner, Harvey Frederick.....	1934	May 27, 1932
<i>i†</i>	Silvey, Eben Hilmer.....	1935	May 28, 1932
<i>i†</i>	Sinclair, James Alva.....	1935	Feb. 9, 1932

RESIGNATIONS—continued

Symbol ¹	Name	Class	Date resigned
<i>d</i>	Smith, Lewis Oscar, jr.....	1932	June 2, 1932
<i>g</i>	Snyder, William Alfred, jr.....	1934	May 27, 1932
<i>d</i>	Soule, Rufus Albertson, 3d.....	1932	June 2, 1932
<i>i</i>	Stack, Gerald Francis.....	1934	Feb. 9, 1932
<i>rr</i>	Stevenson, Gilbert Northrop.....	1932	Mar. 29, 1932
<i>d</i>	Toft, James Cecil, jr.....	1932	June 2, 1932
<i>g</i>	Truxton, Thomas.....	1934	June 6, 1932
<i>d</i>	Tucker, Augustine John, 2d.....	1932	June 2, 1932
<i>i</i>	Updegrove, Jacob Walter.....	1934	Feb. 9, 1932
<i>r</i>	Vogler, Robert Alexander.....	1933	Dec. 18, 1931
<i>i</i>	Ward, Wirtner Warren.....	1935	Feb. 9, 1932
<i>g</i>	Warder, Thomas Grayston.....	1932	June 2, 1932
<i>i</i>	West, James Brackenridge.....	1935	May 28, 1932
<i>d</i>	West John Taliaferro.....	1932	June 2, 1932
<i>rr</i>	White, Donald Elliot.....	1933	June 7, 1932
<i>g</i>	Whitehead, Lloyd Howell.....	1934	May 27, 1932
<i>rr</i>	Wilder, Allison Francis Page.....	1932	Oct. 22, 1931
<i>g</i>	Wood, Delmont Edward.....	1935	Sept. 30, 1931
<i>r</i>	Wood, Firman Edward.....	1935	Oct. 22, 1931
<i>g</i>	Wood, Roger Jerome.....	1934	May 27, 1932
<i>i</i>	Wright, Harlan Albert.....	1935	May 28, 1932
<i>i</i>	Wygant, Edward Guthrie.....	1934	Feb. 9, 1932
<i>d</i>	Young, Melvin Thayer.....	1932	June 2, 1932

RETAINED IN CLASSES INDICATED

Symbol ¹	Name	Class to which turned back	Date turned back
<i>x</i>	Barham, Eugene Alexander.....	1935	Apr. 6, 1932
<i>h</i>	Barner, Richard Long.....	1935	Aug. 11, 1932
<i>s</i>	Belden, James Mead.....	1936	May 27, 1932
<i>h</i>	Carson, Edward Bruce.....	1936	Aug. 11, 1932
<i>w</i>	Clayton, Marvin Clyde.....	1936	May 26, 1932
<i>w</i>	Dodd, Valdo Clare.....	1935	Do.
<i>s</i>	Hinxman, Chester Eugene.....	1936	May 27, 1932
<i>x</i>	Holt, Phillip Christian.....	1933	Apr. 6, 1932
<i>w</i>	Kerby, Kenneth David.....	1935	May 26, 1932
<i>h</i>	Lewis, Jack Adams.....	1936	Aug. 11, 1932
<i>w</i>	Marlowe, Robert Aloysius.....	1935	May 26, 1932
<i>s</i>	Millett, John Raymond.....	1936	May 27, 1932
<i>s</i>	Seymour, Glenn Edward.....	1936	Do.
<i>s</i>	Shilling, Samuel George.....	1936	Do.
<i>h</i>	Yoho, Jud Francis, jr.....	1936	Aug. 11, 1932

¹ NOTE.—See p. 31 for explanation of symbols.

SUMMER SCHEDULE, SECOND CLASS, 1932

Condensed summer schedule for midshipmen of second class, first company, first platoon
 [Other platoons of same and other companies take same subjects in somewhat different order]

Period	First	Second	Third	Fourth	Fifth	Sixth	Seventh
Day	7.50-8.30	8.35-9.20	9.30-11.05	11.10-11.50	1.30-2.40	2.45-3.30	8-9.30
Monday, June 6	Flight			Radio *	C. F. A. or sailing		Study.
Tuesday, June 7	do			do "	English Lecture		Do.
Wednesday, June 8	do			do "	Engineering and aeronautics lecture on I. C. E.		Recreation and liberty.
Thursday, June 9	do			do "	Inspection of submarine		Study.
Friday, June 10	do			do "	C. F. A. or sailing		Do.
Saturday, June 11	do			do "	Recreation and liberty		Recreation and liberty.
Monday, June 13	Engineering and aeronautics Laboratory (C) heat-transfer apparatus.				Inspection of destroyer		Study.
Tuesday, June 14	do				English lecture		Do.
Wednesday, June 15	do						Do.
Thursday, June 16	Deck and engine duty on destroyer, visit to steel plant, Sparrows Point, Md.						Do.
Friday, June 17	Radio	Engineering and aeronautics Laboratory B, pump machinery.			Engineering and aeronautics, laboratory B, pump machinery		Do.
Saturday, June 18	do	do			Recreation and liberty		Recreation and liberty.
Monday, June 20	do	do			Engineering and aeronautics, laboratory B, pump machinery		Study.
Tuesday, June 21	do	do			English lecture		Do.
Wednesday, June 22	Visit to Naval Engineering Experiment Station.				Engineering and aeronautics, laboratory B, pump machinery		Recreation and liberty.
Thursday, June 23	Relief duty			Radio.	Relief duty		Study.
Friday, June 24	do			do	Duty		Do.
Saturday, June 25	do			do	Relief duty		Relief duty.
Monday, June 27	do			do	do		Study.
Tuesday, June 28	do			do	English Lecture		Duty.
Wednesday, June 29	Duty			do			Do.
Thursday, June 30	do			do	Duty		Do.
Friday, July 1	do			do	do		Do.
Saturday, July 2	do			do	do		Do.
Tuesday, July 5	do			do	English lecture		Study.
Wednesday, July 6	Electrical engineering and physics, electrical laboratory.			Radio.	Electrical engineering and physics, laboratory		Recreation and liberty.
Thursday, July 7	do						
Friday, July 8	do			Radio.	C. F. A. or sailing		Study.
Saturday, July 9	do				Electrical engineering and physics, laboratory		Do.
Monday, July 10	do				Recreation and liberty		Recreation and liberty.
Tuesday, July 12	do			Radio.	Electrical engineering and physics, laboratory		Study.
Wednesday, July 13	do				English lecture		Do.
Thursday, July 14	do			Radio.	Electrical engineering and physics, laboratory		Recreation and liberty.
	do			do	do		Study.

Time summary, based on 7½ hours per day, exclusive of Sundays

Department	Total time	Per cent time	Hours	Instruction
Executive	89	18.4	{ 37 24 18 10 11	Duty. Relief duty. Infantry and inspections. Making up lost time or sailing. Indoctrination and preparation for flight.
Seamanship and flight tactics	16	3.3	{ 5	Actual flight.
Ordnance	20	4.1	{ 6 14	Anti-aircraft instruction. Range gunnery.
Navigation	27	5.5	{ 25 2 22	Theoretical and practical navigation. Deck duty on destroyer. Laboratory A, steam machinery.
Engineering and aeronautics	143	29.4	{ 19 18 22 26 22 8	Laboratory B, pumps. Laboratory C, heat transfer. Laboratory D, engineering materials. Laboratory E, internal combustion engines. Laboratory F, graphical mechanics. Inspections and runs on destroyers and submarines.
Electrical engineering and physics	70	14.4	{ 6 48	Inspections of shore plants. Electrical laboratories.
English and history	10	2.1	{ 22 10	Radio. Lectures and examinations.
Miscellaneous	113	22.8	{ 62 47 4	Study. Recreation and liberty. Lost in formations.

Alphabetical list of those members of the class of 1934 who were retained at the Naval Academy during the summer of 1932 to undergo practical instruction in aviation and engineering subjects, and academic instruction in the departments of navigation, English and history, and electrical engineering and physics

Abrahamson, R. L.	Boutelle, R. R.	Collins, W. M., jr.
Adams, P. M.	Boyle, F. D.	Compton, J. R.
Adams, S. M.	Bradbard, S.	Condon, J. P.
Ahlbrandt, R. S.	Bradley, F. D.	Cook, H. E., jr.
Akeroyd, R. G.	Brewer, C. W.	Cook, P. C.
Alexander, J. McK.	Brinker, R. M.	Cooper, E. G., jr.
Allen, R. B.	Brock, J. W.	Corbin, H. C.
Ambrose, D. C.	Brockett, W. A.	Corbin, W. L.
Anderson, H. T. E.	Bromley, J. R.	Cordiner, D. L.
Antoniak, C.	Brooks, W. B.	Coxe, L. C.
Arnold, J. D.	Brown, S. R., jr.	Craft, J. P., jr.
Artz, G. E.	Browne, G. H.	Cress, H. C., jr.
Ashley, J. H., jr.	Bruchez, E. V.	Criswell, R. P.
Atkinson, A. H.	Bullen, G. S.	Crowell, R. B.
Auld, F. W.	Bullen, J. T., jr.	Crutcher, W. R.
Avisé, J. E.	Bunevich, I.	Daunis, S. S.
Ayer, D. H.	Buse, H. W., jr.	Davies, R. H.
Babb, J. D.	Butler, J. A.	Davis, A. J., jr.
Bailey, C. F.	Butterworth, C. C.	Davis, E. W.
Bailey, W. E.	Caldwell, C. G.	Davis, G. F.
Bain, W. J.	Calhoun, W. L., jr.	Davis, J. K.
Baker, M. D., jr.	Callister, T. K.	Davis, J. R.
Baranowski, W. E.	Campbell, H. W., jr.	Day, B. E.
Barner, R. L.	Canon, R. H.	Day, H. E., jr.
Barr, E. L., jr.	Carroll, H. F., jr.	Deakin, H. O.
Batcheller, E. H.	Carter, J. C., jr.	Dean, W. A., jr.
Bathke, E. S.	Casey, K.	Deragon, W. N.
Bauer, E. G.	Cassidy, W. F.	Dickey, J. L.
Baumberger, W. H.	Chambers, L. S.	Dickey, W. M.
Beardslee, W. W.	Champlin, M. M.	Dickinson, C. E., jr.
Becht, L. R.	Chandler, R. A.	Dissette, E. F.
Becker, A. L.	Cheney, W. H., jr.	Dixon, D. P., jr.
Becker, C. H.	Christensen, E. E.	Donaldson, R.
Benedict, A. L., jr.	Chung-Hoon, G. P.	Doss, C. T., jr.
Bengston, R. C.	Church, W. C. G.	Driver, O. L.
Bentley, J. C.	Clarey, B. A.	Drumtra, W. J.
Bertholf, C. M.	Clark, C. H.	Dry, M. H.
Biard, F. R.	Clark, C. S.	DuBois, T. H.
Bingham, J. T.	Clark, L. B.	Dutton, W. T.
Birthisel, L. H., jr.	Clifford, G. M.	Edrington, T. C., 3d.
Biwerse, D. H.	Close, R. H.	Edwards, D. S., jr.
Blackford, M.	Cloud, A. B.	Ellenberger, E. G.
Blakely, E. N.	Clute, J. M.	Erwin, S. L.
Blanchard, R. S.	Coen, C. B.	Ethridge, W.
Blenman, C., jr.	Coffin, A. P.	Fagan, E. M.
Bly, R. E.	Cole, A., jr.	Fahy, E. J.
Bolles, F. C., jr.	Cole, H. E.	Fairweather, R. S.
Bond, G. H.	Coleman, W. M.	Farwell, C. B.
Bourke, R. E.	Coley, C. C.	Fell, C. W.

Ferguson, J. N., jr.	Henderson, C. M.	Lautrup, G. W., jr.
Fischer, C. F.	Hendrick, N. P.	Lawrence, W. H.
Fisher, E. S.	Herbert, W. H.	Lee, E. S., jr.
Fleck, F. E., jr.	Hill, G. A., jr.	Lee, R. M.
Fletcher, F. O., jr.	Hill, H. D.	Leeman, R. W.
Florence, J. W.	Hine, T. R.	Lefelar, L., jr.
Fly, W. L., jr.	Hoffman, G. D.	Lennox, W. R.
Flynn, L. J.	Hommel, R. E.	Lewis, C. D.
Fortune, R. M.	Hopkins, R. H.	Lewis, H. H.
Foster, J. L.	Horton, J. A., jr.	Lewis, Joseph S.
Fraser, D. W.	Houck, R. W.	Leyde, G. W.
Freedman, L.	House, A. C., jr.	Logsdon, E. W.
Frey, C. W.	Houston, R. C.	Lowe, J. T., jr.
Froling, W. H.	Howard, J. W.	Lundberg, N. H.
Fuchs, J. P.	Hutchings, C. H.	Lundfelt, M. E.
Fulghum, B. C.	Hyde, J. M.	Mackenzie, C. J.
Fuller, H. D.	Hyland, J. J.	Macleod, W. S.
Fulp, J. D., jr.	Ingersoll, R. R., 2d.	Maddox, W. S.
Garth, C. R.	Ingling, A. L.	Magruder, P. M.
Gebelin, A. L.	Ingram, C.	Mann, C. C.
Geist, J. W.	Ireland, M. T.	Mann, R. L.
Gerlach, C. H.	Irvine, D. G.	Manning, A. R.
Graham, R. W.	Jeter, E. R.	Maples, H. M.
Gralla, A. R.	Joachim, P. L.	Marcoux, H. A.
Grant, M. A.	Johnson, F. E.	Marshall, F. G., jr.
Green, J. C.	Johnson, J. E.	Martin, J. C.
Greenman, F. P.	Johnson, N. C.	Martin, W. I.
Greer, H. H., jr.	Johnston, D. G.	Maynard, R. H.
Griffin, G. A.	Johnston, R. K.	McClung, E. R., jr.
Griffith, W. T.	Jones, E. K.	McCombs, P.
Grosh, H. A.	Jurado, E. L.	McCormick, W. M.
Grossman, G. S., jr.	Kait, H. H.	McGillis, J. F.
Gunn, F. A.	Kane, R. F.	McKeithen, E. T., jr.
Guthrie, T. C., jr.	Kearns, J. W.	McKissack, T. P.
Guthrie, W. L.	Keller, W. W.	McLaren, E. K.
Hagel, A. J. J.	Kelly, F. A. G.	McMahon, J. M.
Hailey, E. J.	Key, H., jr.	McMillan, W.
Halligan, J. E., jr.	Kilmartin, A. D.	McNaughton, J. B.
Hallock, R. F.	Kingsley, N. E.	Mecleary, E. R.
Hampton, I. M.	Kinsella, W. T.	Menges, R. H.
Hanlon, D. E., jr.	Kirkpatrick, C. S.	Merrick, G. C.
Harbold, R. P., jr.	Kisor, M.	Merrill, G.
Hardy, R. J.	Kleppinger, L. H.	Merrill, S. D. B.
Harlee, J.	Klunk, R. S.	Merrill, W. R.
Harper, C. K.	Knapp, G. A.	Metcalf, J.
Harris, C. L., jr.	Knerr, H. S.	Metcalf, P. T.
Hastings, W. E.	Kopff, R. G.	Middleton, C. W., jr.
Hawes, F. W.	Kossler, H. J.	Milbrath, R. H.
Haworth, M. D.	Kramer, W. M.	Miller, D. C.
Hay, A. G.	Krapf, A. E.	Miller, H. L.
Heerde, F. C.	Krulak, V. H.	Miller, S. P.
Hembury, W. C.	Latham, R. C.	Milner, R. M.

Moore, A. W.	Presler, I. S.	Smith, A. C.
Moran, P. C.	Price, F. M.	Smith, B. A.
Morland, J. B.	Price, L. S.	Smith, H. I.
Mullan, H.	Pugh, D. E.	Smith, James E.
Mulquin, E. J.	Rabon, A.	Smith, J. V.
Mumma, G. E.	Ramsey, M. S.	Smith, Roy C., 3d.
Murphy, W. C.	Randolph, S. D.	Smith, W. R., 3d.
Murray, H. Q.	Rankin, R. Q.	Smythe, W. A.
Nauman, H. K.	Ray, M. H., jr.	Solenberger, E. K.
Neet, J. R.	Rector, J. A., jr.	South, T. W., 2d.
Nelson, C. R.	Reeves, M. C.	Spicer, H. C., jr.
Newell, J. H.	Rider, E. C.	Staley, J. J., jr.
Newman, A. L.	Risser, R. D.	Stanish, G. F.
Nichols, J. C.	Ritson, E. L. E.	Staples, W. D., jr.
Nichols, R. E.	Rittenhouse, E. B.	Stark, W. W., jr.
Nicol, G. B.	Robbins, B. M.	Stephan, C. R.
Nielsen, H. H.	Robbins, O. C.	Stephens, S.
Nienstedt, D. A.	Robbins, W. I.	Stevenson, W. A.
Novitski, F. J.	Robertson, R. N.	Stirling, C. W.
Nusom, F. A.	Roenigk, J. G.	Stivers, J. W.
Nutt, J. S.	Rohr, C. M.	Stone, A., jr.
Oakley, T. B., jr.	Rooney, C. W.	Stone, L. J.
O'Brien, F. R.	Rosenberg, M. I.	Strickler, L. E.
O'Kane, R. H.	Rottet, R. K.	Stuart, R. S.
Oliver, R. J.	Ruffin, G. C., jr.	Stulgis, J. E.
Ours, S. R., jr.	Rutherford, R.	Sweeney, A. E., 2d.
Ovrom, R. J.	Sample, L. H.	Sweeney, W. E.
Owers, J. E.	Sapp, J. W., jr.	Swift, D. M.
Packard, A.	Savidge, P. S.	Taylor, B.
Paine, C. B., jr.	Scanland, F. W., jr.	Taylor, K. E.
Parker, J. H.	Schantz, E. H.	Taylor, L. K.
Parks, F. B.	Schatz, O. C., jr.	Tharin, F. C.
Parsons, G. E. T.	Scherer, D. A.	Thompson, H. L., jr.
Paton, R. A.	Schnable, A. G.	Thompson, I. P.
Payne, R.	Schoenweiss, C. W.	Thompson, Z., jr.
Payntor, C. A.	Schofield, L. H.	Thurston, C. E., jr.
Peacock, T. A.	Schuessler, B. H.	Tibbets, J. B.
Pearce, K. G.	Schulz, L. R.	Tilburne, E. R.
Peddy, C. H.	Schwartz, J. E.	Torrey, P. H., jr.
Peeler, W. R.	Seeds, E. W.	Townsend, R. L.
Pegelow, F. G.	Sellars, R. F.	Travis, F. K.
Perkins, G. B., jr.	Semmes, B. J., jr.	Turrentine, R. A.
Pesante, J. B.	Shallenberger, M. C., jr.	Upham, F. K.
Peterson, W. J.	Shaw, S. R.	Vadnais, H. W. G.
Pfotenhauer, F. D.	Sheffield, F. L., jr.	Van Arsdall, C. J., jr.
Phelps, J. M.	Shepard, R. D.	Van Buskirk, B. R.
Pilcher, C.	Shilson, J. S.	Van Leunen, P., jr.
Pinney, F. L., jr.	Shriver, J. F.	Vose, J. E., jr.
Pittard, G. F.	Siddle, E. J.	Walker, G. P.
Platt, F. C.	Siver, C. A.	Walker, W. W.
Powell, E. S., jr.	Skjonsby, V. L.	Walkup, B. F.
Powers, B. G.	Slack, L. M.	Walters, C. J.

Ware, C. R.	Wheeler, R. E.	Williams, R. R., jr.
Watkins, T. L.	Whitaker, F. M.	Wilson, J. M.
Waybright, J. J.	Whitaker, R. T.	Woodruff, J. A.
Weber, J. E.	White, J. D.	Woods, M. W.
Welch, G. W.	White, M. W.	Worthington, E. H.
Weller, J. F.	Wigfall, G. H.	Wright, J. M.
Wells, G. C.	Wilcox, W. M.	Zeiler, S. F.
Westholm, R. E.	Wiley, J. P.	Zysk, S.
Wheeler, C. L.		

Second class organization—Summer, 1932

Battalion commander, Fahy, E. J.----- (4) | Adjutant, Staley, J. J., jr.----- (3)
 Sub. commander, Murray, H. Q.----- (2) | Commissary, Brooks, W. B.----- (1)

	First Company	Second Company	Third Company	Fourth Company
Company commander.	McMillan, W.----	Woods, M. W.----	Waybright, J. J.----	Nauman, H. K.
Chief petty officer.	Robbins, W. I.----	Miller, H. L.-----	Akeroyd, R. G.-----	McKeithen, E. T., jr.
First platoon commander.	Becht, L. R.-----	McCormick, W. M.	Fulp, J. D., jr.-----	Kirkpatrick, C. S.
Second platoon commander.	Dickey, W. M.-----	Tilburne, E. R.----	Morland, J. B.-----	Kilmartin, A. D.
Third platoon commander.	Dixon, D. P., jr.---	Smith, A. C.-----	Joachim, P. L.-----	Ahlbrandt, R. S.
First platoon mustering petty officer.	Mumma, G. E.-----	Coleman, W. M.----	Johnston, R. K.-----	Shilson, J. S.
Second platoon mustering petty officer.	Avisé, J. E.-----	Bullen, J. T., jr.---	Pittard, G. F.-----	Dissette, E. F.
Third platoon mustering petty officer.	Torrey, P. H., jr.---	Metcalf, P. T.-----	Haworth, M. D.----	Dry, M. H.
First platoon:				
First petty officer.	Robertson, R. N.---	Shriver, J. F.-----	Bauer, E. G.-----	McNaughton, J. B.
Do.	Siver, C. A.-----	Whitaker, F. M.---	Middleton, C. W., jr.	Davis, A. J., jr.
Do.	Turrentine, R. A.---	Harbold, R. P., jr.---	Townsend, R. L.---	Clark, C. H.
Do.	Randolph, S. D.---	Bruchez, E. V.-----	Nusom, F. A.-----	Pinney, F. L., jr.
Second platoon:				
First petty officer.	Davis, J. K.-----	Kisor, M.-----	Strickler, L. E.-----	Hommel, R. E.
Do.	Florence, J. W.-----	Compton, J. R.-----	Gerlach, C. H.-----	Craft, J. P., jr.
Do.	Latham, R. C.-----	Cress, H. C., jr.---	Merrill, W. R.-----	Harper, C. K.
Do.	Drumtra, W. J.-----	Pilcher, C.-----	Van Arsdall, C. J., jr.	McMahon, J. M.
Third platoon:				
First petty officer.	Arnold, J. D.-----	Condon, J. P.-----	Schatz, O. C., jr.---	Cassidy, W. F.
Do.	Wells, G. C.-----	Lewis, Joseph S.---	Sapp, J. W., jr.---	Davis, G. F.
Do.	Schulz, L. R.-----	McCombs, P.-----	Ireland, M. T.-----	Roenigk, J. G.
Do.	Nielsen, H. H.-----	Merrill, G.-----	Smith, B. A.-----	Dickey, J. L.

Summer schedule, 1932, for midshipmen of the fourth class

PART I.—ROUTINE FROM JUNE 13 TO AUGUST 13, 1932 (9 WEEKS)

Day	Company	Periods				
		First: 7.50 to 9.40 a. m.	Second: 10 to 11.50 a. m.	Third: 1.30 to 3 p. m.	Fourth: 3.15 to 4.30 p. m.	Fifth: 8 to 9.30 p. m. (note 6)
Monday	1, 3 2, 4	Rifle range Infantry	Rifle range 2, gymnasium; 4, English	Seamanship Engineering and aeronautics	Gymnasium Seamanship	English (Mahan Hall). Do.
Tuesday	1, 3	do	1, gymnasium; 3, English	do	do	Study (mass singing; note 8).
Wednesday	2, 4 1, 3	Rifle range do	Rifle range do	Seamanship Executive 1.30 to 3.30 p. m. (Note 10).	Gymnasium Recreation	Do. Executive lecture (Recreation Hall).
Thursday	2, 4 1, 3	Infantry do	Seamanship 1, English; 3, gymnasium	do Engineering and aeronautics	do Seamanship	Do. English (Mahan Hall).
Friday	2, 4 1, 3	Rifle range Infantry	Rifle range Seamanship	Seamanship do	Gymnasium do	Do. Study (mass singing; Note 8).
Saturday	2, 4 1, 3	do do	2, English; 4, gymnasium Gymnasium (note 9)	Engineering and aeronautics Recreation	Seamanship Recreation	Do. Motion pictures (Mahan Hall).
Sunday	2, 4 1, 3 2, 4	do Chapel do	do Chapel do	do do do	do do do	Do. Study. Do.

Summer schedule, 1932, for midshipmen of the fourth class—Continued

PART II.—ROUTINE FROM AUGUST 15 TO AUGUST 27, 1932 (2 WEEKS)

Day	Company	Periods				
		First: 7.50 to 9.40 a. m.	Second: 10 to 11.50 a. m.	Third: 1.30 to 3 p. m. (note 4)	Fourth: 3.15 to 4.30 p. m.	Fifth: 8 to 9.30 p. m. (note 6)
Monday	1, 3	Rifle range *	Rifle range	Engineering and aeronautics.	Gymnasium	English (Mahan Hall).
Tuesday	2, 4	Infantry *	2, gymnasium; 4, English	do	Seamanship.	Do.
	1, 3	do *	1, gymnasium; 3, English	do	do	Study (mass singing; note 8).
Wednesday	2, 4	Rifle range (note 2)	Rifle range (note 2)	do	Gymnasium	Do.
	1, 3	Rifle range	Rifle range	Executive 1.30 to 3.30 p. m. (note 10).	Recreation	Executive lecture (Recreation Hall; note 11).
Thursday	2, 4	Infantry	Seamanship	do	do	Do.
	1, 3	do *	1, English; 3, gymnasium	Engineering and aeronautics.	Seamanship.	English (Mahan Hall).
Friday	2, 4	Rifle range *	Rifle range	do	Gymnasium	Do.
	1, 3	Infantry *	Seamanship	do	do	Study (mass singing; note 8).
Saturday	2, 4	do *	2, English; 4, gymnasium	do	Seamanship.	Do.
	1, 3	do	Gymnasium (note 9)	Recreation	Recreation	Motion pictures (Mahan Hall).
Sunday	2, 4	do	do	do	do	Do.
	1, 3	Chapel	Chapel	do	do	Study.
	2, 4	do	do	do	do	Do.

Summer schedule, 1932, for midshipmen of the fourth class—Continued
PART III.—ROUTINE FROM AUGUST 29 TO SEPTEMBER 22, 1932 (4 WEEKS)

Day	Company	Periods			
		First: 7.50 to 9.45 a. m. (note 3)	Second: 9.55 to 11.55 a. m. (note 3)	Third: 1.05 to 3 p. m. (note 4)	Fourth: 3.15 to 4.30 p. m. Fifth: 8 to 9.30 p. m.
Monday	1, 3	Languages (note 12)	Mathematics (note 12)	Engineering and aeronautics.	Gymnasium
	2, 4	Mathematics (note 12)	Languages (note 12)	do.	Study.
Tuesday	1, 3	Languages (note 12)	Mathematics (note 12)	do.	Do.
	2, 4	Mathematics (note 12)	Languages (note 12)	do.	Do.
Wednesday	1, 3	Infantry	Mathematics (note 12)	do.	Do.
	2, 4	do.	Languages (note 12)	do.	Do.
Thursday	1, 3	Languages (note 12)	Mathematics (note 12)	do.	Do.
	2, 4	Mathematics (note 12)	Languages (note 12)	do.	Do.
Friday	1, 3	Languages (note 12)	Mathematics (note 12)	do.	Do.
	2, 4	Mathematics (note 12)	Languages (note 12)	do.	Do.
Saturday	1, 3	Infantry	Languages (notes 9 and 12)	Recreation	Motion pictures (Mahan Hall).
	2, 4	do.	Mathematics (notes 9 and 12).	do.	Do.
Sunday	1, 3		Chapel	do.	Study.
	2, 4		do.	do.	Do.

* Aug. 22, 23, 25, and 26, cruises on the bay on U. S. S. *Reuben James*, 8 a. m. to 4 p. m. each day.

NOTES

(1) The fourth-class schedule changes on Aug. 15 and on Aug. 29.

(2) Wednesday, Aug. 24, first and second periods assigned to Infantry for competitive drills. In case of inclement weather, competitive drills will be postponed from day to day and so scheduled as not to conflict with destroyer cruises.

(3) During Part III of schedule until Sept. 14, the periods and days for reciting of the various companies will be arranged by the head of department of mathematics and published by the executive department. Similar arrangements will be made by the head of department of modern languages for the period Sept. 15-21.

(4) All companies recite the full period in engineering and aeronautics.

(5) Where a drill involving physical exercise is followed by a recitation period, the officer in charge of the drill will dismiss in sufficient time for a bath and the necessary change of clothing or uniform required for the recitation.

- (6) The fifth period during Part I and Part II, when study is scheduled, will be utilized by midshipmen in studying U. S. Naval Academy Regulations and Manuals.
- (7) In the department of modern languages, the First and Third Companies study Spanish or German, the Second and Fourth Companies study French or Italian. Assignments to each language on entrance are permanent for the entire course. Assignments of the fourth class to battalions in the regiment for the academic year are made from companies having corresponding numbers.
- (8) Commencing June 28 there will be mass singing Tuesdays and Fridays from 7.40 to 8.30 p. m. until Aug. 23, when the intercompany singing competition will be held.
- (9) The medical department will give cowpox vaccination and antityphoid inoculation at 10 a. m. each Saturday to midshipmen not previously inoculated.
- (10) There will be lectures on hygiene in Mahan Hall from 2.45 to 3.30 p. m. on Wednesdays, Aug. 10, 17, and 24.
- (11) The fifth period on Wednesday, Aug. 17, will be assigned to the department of modern languages for the purpose of classifying members of the fourth class into sections for the month of September.
- (12) Mathematics, Aug. 29-Sept. 14; languages, Sept. 15-21.

COURSE OF INSTRUCTION, 1932-33

[Reference books are marked *]
FIRST YEAR—FOURTH CLASS
FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS-----	6	Solid geometry (see note 1). Plane trigonometry and logarithms. College algebra----- Engineering mathematics.	Hawkes-Luby-Touton's Solid Geometry. Bullard and Kiernan's Plane and Spherical Trigonometry, Revised. Hart's Brief College Algebra. Morley's Introduction to Engineering Mathematics. Bowditch's Useful Tables.*
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry-----	Kendall's "Smith's Introductory College Chemistry." Department's Chemistry Laboratory Manual.
ENGLISH AND HISTORY-----	3	Composition and literature.	Alden and Earle's Makers of Naval Tradition. Taft, McDermott, and Jensen's The Technique of Composition. Reed's The Romantic Period. Miller's The Victorian Period. Reynolds' English Literature in Fact and Story. Webster's Collegiate Dictionary.*
MODERN LANGUAGES----- (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.) (See Note 2.)	3	Spanish-----	Hill's and Ford's First Spanish Course. Berlitz Spanish with or without a Master.
	3	German-----	Elementary German Grammar: Westphoff.
	3	French-----	Fraser and Squair's The New French Grammar. Le Francais Pratique (Paul Bercy).
	3	Italian-----	Russo's Elementary Italian Grammar.

SECOND TERM

ENGINEERING AND AERONAUTICS.	2	Descriptive geometry and mechanical drawing.	Bartlett and Johnson's Engineering, Descriptive Geometry and Drawing.
MATHEMATICS-----	6	Elementary calculus-----	Woods and Bailey's Elementary Calculus. Mechanical Engineers' Handbook, by Marks.* Bowditch's Useful Tables.*
ELECTRICAL ENGINEERING AND PHYSICS.	2	Chemistry-----	Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.* Kendall's "Smith's Introductory College Chemistry." Department's Chemistry Laboratory Manual.
ENGLISH AND HISTORY-----	3	Composition and literature.	Reed's The Romantic Period. Miller's The Victorian Period. Reynolds' English Literature in Fact and Story. Shakespeare's Henry IV: Part I, King Lear, and Othello.
MODERN LANGUAGES----- (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	3	Spanish-----	Un Verano en España (R. B. Weems).
	3	German-----	Gruss aus Deutschland (Holzwarth).
	3	French-----	Pour Parler Francais (Fournon and Broussard).
	3	Italian-----	Simple Italian Lessons (Marioni and Passarelli).

NOTE 1.—A brief course in solid geometry is given to the fourth class in September before the beginning of the academic year.

NOTE 2.—A brief course in pronunciation of the language to which assigned is given to the fourth class before the beginning of the academic year.

SECOND YEAR—THIRD CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS.	3	{ Engineering drawing....	{ Bartlett and Johnson's Engineering Descriptive Geometry and Drawing.
MATHEMATICS.....		{ Navy Department drawings.	
	5	{ Calculus.....	{ Woods and Bailey's Elementary Calculus.
		{ Analytic geometry.....	
		Mechanics.....	Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Log-log Slide Rule, with Instruction Pamphlet.* Elementary Mechanics, Department of Mathematics, U. S. Naval Academy.
ELECTRICAL ENGINEERING AND PHYSICS. ¹	3½	Physics.....	Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
ENGLISH AND HISTORY.....	3	Naval history.....	Stevens and Westcott's History of Sea Power. Clark, Stevens, Alden, and Krafft's Short History of the United States Navy.
MODERN LANGUAGES.....	2	Spanish.....	Temas Españoles (Crawford).
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German and one section from each of the second and fourth battalions studies Italian.)	2	German.....	Easy German Composition (Whitney and Stroebe).
	2	French.....	Barton and Olmstead, French Composition and Conversation.
	2	Italian.....	Fra le Corde d'un Contrabasso (Schobinger & Preston).

SECOND TERM

ENGINEERING AND AERONAUTICS.	4	{ Mechanisms.....	{ Baker and Farrell's Principles of the Basic Mechanisms.
MATHEMATICS.....		{ Engineering materials....	
	5	{ Mechanics.....	{ Stoughton and Butts' Engineering Metallurgy.
		{ Differential equations....	
		Spherical trigonometry..	Same as first term. Kells' Elementary Differential Equations.
ELECTRICAL ENGINEERING AND PHYSICS. ¹	3½	Physics.....	Handbook and Slide Rule. Bullard & Kiernan's Plane and Spherical Trigonometry, Revised. Spinney's Textbook of Physics. Department's Physics Manual. Department's Physics Laboratory Manual.
ENGLISH AND HISTORY.....	2	History of the United States since 1865.	Dawes' Electrical Engineering, Vol. I. Mead's Development of the United States since 1865. Atlantic Monthly (February to May).
MODERN LANGUAGES.....	2	Spanish.....	Gil Blas (Padre Isla).
(One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	2	German.....	Irrfahrten (Gerstäcker).
	2	French.....	Le Tour du Monde (Green).
	2	Italian.....	Logical Method of Learning Italian (A. Sergio).

¹ Third class has 8 drill periods in December and January, and a like number in February and March devoted to recitations.

THIRD YEAR—SECOND CLASS

FIRST TERM

Departments	Periods each week	Subjects	Textbooks
ENGINEERING AND AERONAUTICS. MATHEMATICS.....	3¼	Thermodynamics.....	Fernald's Elements of Thermodynamics.
	4	Spherical trigonometry.. Differential equations...	Bullard and Kiernan's Plane and Spherical Trigonometry. Kells' Elementary Differential Equations. Mechanical Engineers' Handbook, by Marks.* Keuffel and Esser's Log-log Slide Rule.*
ELECTRICAL ENGINEERING AND PHYSICS.	3¼	Magnetism and electricity (D. C.).	Dawes' Electrical Engineering, Vol. I. Department's Direct Current Laboratory Manual.
NAVIGATION.....	4	Navigation.....	Elements of Astronomy (Fath). Navigation and Nautical Astronomy (Dutton). American Practical Navigator Nautical Almanac. Azimuth Tables.* Useful Tables.*
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	2	Spanish.....	Nautical Phrase Book and Reader (Naval Institute).
	2	German.....	Writing and Speaking German (Pope). Pamphlet on German Nautical Phraseology.
	2	French.....	Nautical Phrase Book and Reader (Naval Institute).
	2	Italian.....	Pamphlet on Italian Nautical Phraseology. Le Norme Più in Uso nelle Relazioni Sociali.

SECOND TERM

ORDNANCE AND GUNNERY.....	3	Ordnance, Gun Construction. Torpedoes and Mines...	Naval Ordnance, 1932. Notes on Torpedoes, Mines, Fire Control, and Battle Efficiency, Part 2.
		Safety Orders.....	U. S. Navy Regulations, 1920.
		Fire Control.....	Notes on Fire Control, Part I.
NAVIGATION.....	4	Navigation.....	Navigation and Nautical Astronomy (Dutton). American Practical Navigator, H. O. 203 and 208. Mooring board Pamphlet: Where You Are to Where You Want To Go. Nautical Almanac. Azimuth Tables.* Useful Tables.*
ENGINEERING AND AERONAUTICS.	2¼	Reciprocating engines....	Department of Engineering and Aeronautics Naval Reciprocating Engines, 1929.
		Auxiliary machinery....	Department of Engineering and Aeronautics Naval Auxiliary Machinery, 1929.
		Turbines.....	Cox and Libbey's Naval Turbines.
ELECTRICAL ENGINEERING AND PHYSICS.	3¼	Electricity (D. C. and A. C.).	Dawes' Electrical Engineering, Vols. I and II. Department's Direct Current Laboratory Manual. Department's Alternating Current Laboratory Manual.
ENGLISH AND HISTORY.....	2	Comparative literature.. (This is preceded by a course of general reading in second class summer).	Cervantes' Don Quixote. Goethe's Faust. Balzac's Old Goriot. Ibsen's Selected Plays. Barrie's Representative Plays.
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	2	Spanish.....	Un Viaje a Sud América (McHale).
	2	French.....	Le Français Oral (Pargment).
	2	German.....	In Deutschland (Alexis & Pfeiler).
	2	Italian.....	Logical Method of Learning Italian (Sergio).

FOURTH YEAR—FIRST CLASS

FIRST TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Seamanship..... Military law..... International law..... Communications (including aircraft communications and procedure).	Knight's Seamanship, 9th Edition. Naval Courts and Boards. International Law, Soule and McCauley. Communications Instructions, U. S. Navy. Bureau of Navigation Study Courses. Radioman 3c.
ORDNANCE AND GUNNERY.....	3	Fire Control..... Interior Ballistics..... Exterior Ballistics.....	Notes on Fire Control, Part I. Naval Ordnance, 1929. Exterior Ballistics, 1930. Range and Ballistic Tables, 1930.
NAVIGATION.....	2	Navigation.....	Navigation and Nautical Astronomy (Dutton). H. O. 203 and 208. American Practical Navigator. Nautical Almanac. Azimuth Tables.* Useful Tables.*
ENGINEERING AND AERONAUTICS.	3	Internal-combustion engines. Boilers*.....	Internal Combustion Engines (Lind). Department of Engineering and Aeronautics, Marine and Naval Boilers.
ELECTRICAL ENGINEERING AND PHYSICS.	2	Heat transfer apparatus. Alternating currents and alternating current machinery.	Bureau of Engineering Manual. Dawes' Electrical Engineering, Vol. II.
ENGLISH AND HISTORY..... (Choice is allowed—one part of the class studying American diplomacy and part French revolution.)	3	History of American diplomacy. French Revolution..... After-dinner speaking (Tuesday and Thursday evenings).	Department's Alternating Current Laboratory Manual. Latané's A History of American Foreign Policy. Bourne's The Revolutionary Period in Europe, 1763-1815. Happold's Modern Historians of the French Revolution.

SECOND TERM

SEAMANSHIP AND FLIGHT TACTICS.	3	Elementary strategy and tactics. Seamanship..... Regulations..... Mooring board.....	War college and department pamphlets. Vol. II, U. S. Navy Aviation Ground School Manual. Bureau Navigation Case Instruction pamphlets. U. S. Navy Regulations. Pamphlet: Where You Are to Where You Want To Go.
ORDNANCE AND GUNNERY.....	3	Exterior Ballistics..... Fire Control..... Gunnery Instructions..... Aviation Gunnery.....	Exterior Ballistics, 1930. Range and Ballistic Tables, 1930. Notes on Fire Control, Part I. Gunnery Instructions, U. S. Navy. Pensacola Ground School Manual.
NAVIGATION.....	2	Navigation.....	Navigation textbooks same as for first term and Vol. I, U. S. Navy Aviation Ground School Manual, additional.
ENGINEERING AND AERONAUTICS.	2	Naval construction.....	Principles of Naval Architecture and Warship Construction (Manning and Schumacher).
ELECTRICAL ENGINEERING AND PHYSICS.	2	Radio.....	Department's Radio Manual. Department's Radio Laboratory Manual.
ENGLISH AND HISTORY.....	3	Modern European history. After-dinner speaking (Tuesday and Thursday evenings).	Schapiro's Modern and Contemporary European History. (Also a liberal use of the Naval Academy Library.)
MODERN LANGUAGES..... (One half of the class studies Spanish and the other studies French, except one section from each of the first and third battalions studies German, and one section from each of the second and fourth battalions studies Italian.)	1 1 1 1	Spanish..... French..... German..... Italian.....	Un Viaje a Sud América (McHale). Le Français Oral (Pargment). In Deutschland (Alexis and Pfeiler). Logical Method of Learning Italian (Sergio).
HYGIENE.....		Effects of alcohol and narcotics..... Naval and military hygiene. First aid to the injured.	Heiner's Physiology, First Aid, and Naval Hygiene.

* The class of 1933 completed the course in boilers during their second class year. The class of 1934 will take this course during their first class year.

Assignment of time, 1932-33

Departments	Fourth class		Third class		Second class		First class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Seamanship and flight tactics.....							3	3	6
Ordnance and gunnery.....						3	3	3	9
Navigation.....					4	4	2	2	12
Engineering and aeronautics.....	2	2	3	4	3½	2½	3	2	21½
Mathematics.....	6	6	5	5	4				26
Electrical engineering and physics.....	2	2	3½	3½	3¼	3¼	2	2	21½
English and history.....	3	3	3	2		2	1 3	1 3	19+
Languages.....	3	3	2	2	2	2			15
Hygiene.....								2 1	

¹ Friday-night lecture.² This time assigned to modern languages until 1936, except that 4 periods at end of term will be used by hygiene for a refresher course. First, second, and third classes have completed hygiene course; a course in personal hygiene was given fourth class during summer months.*Coefficients, 1932-33*

Departments	Fourth class		Third class		Second class		First class		Summary
	First term	Second term	First term	Second term	First term	Second term	First term	Second term	
Aptitude for service.....	3		7		13		17		40
Seamanship and flight tactics.....							8	8	16
Ordnance and gunnery.....						5	8	8	21
Navigation.....					8	8	5	5	126+2
Engineering and aeronautics.....	1	2	4	5	5	5	8	6	35
Mathematics.....	4	4	7	7	7				29
Electrical engineering and physics.....	1	2	5	4	5	6	6	6	234+1
English and history.....	2	2	3	3		2	7	8	27+1
Modern languages.....	2	2	2	3	4	3			18
Hygiene.....								(*)	
Total.....	25		50		75		100		250

¹ Navigation, 2 for summer term, second class; total, 28.² Electrical engineering and physics, 1 for summer term, second class; total, 35.³ English and history, 1 for summer term, second class; total, 28.⁴ No coefficient assigned until 1936.*Schedule of Friday-night lectures (at 8 p. m.), 1932-33*

Date	First-class subject	Date	First-class subject	Date	First-class subject
Sept. 30	Executive.	Jan. 6	English and history.	Mar. 24	English and history.
Oct. 7	English and history.	13	Do.	31	Executive.
21	Do.	27	Executive.	Apr. 7	English and history.
28	Executive.	Feb. 3	English and history.	21	Do.
Nov. 4	English and history.	10	Executive.	28	Do.
18	Do.	24	English and history.	May 5	Executive.
25	Do.	Mar. 3	Do.		
Dec. 16	Do.	10	Do.		

Program of recitations, first term, 1932-33

BATTALION ROTATION

October.....	1	4	2	3	1	4	1	3	1	4	2	3
November.....	2	3	1	4	2	3	2	4	2	3	1	4
December.....	4	1	3	2	4	1	3	2	4	1	3	2
January.....	3	2	4	1	3	2	4	1	3	2	4	1

Day	Class	First period		Second period		Third period		Fourth period		Fifth period			
Monday.....	1	O	S	O	S	S	N	N	O	H	O	E	P
	2	M	M	M	M	P	E	P	E	L	L	E	P
	3	E	P	P	E	H	H	M	M	M	H	E	P
	4	L	L	H	H	M	M	M	M	H	M	E	P
Tuesday.....	1	O	H	S	H	P	E	P	E	E	P	O	N
	2	M	N	M	N	N	M	N	M	E	P	L	L
	3	P	E	E	P	M	M	M	M	E	P	H	H
	4	M	M	L	L	P	E	P	E	E	P	M	M
Wednesday (odd numbered weeks).	1	S	E	S	E	E	P	E	P	N	S	H	O
	2	P	N	M	N	N	E	N	M	M	M	P	E
	3	H	H	H	H	L	L	L	L	M	M	M	M
	4	L	L	L	L	M	M	H	H	H	H	M	M
Wednesday (even numbered weeks).	1	S	E	S	E	E	P	E	P	N	S	H	O
	2	P	N	P	N	N	E	N	E	M	M	M	M
	3	H	H	H	H	M	M	L	L	L	L	M	M
	4	M	M	L	L	L	L	H	H	H	H	M	M
Thursday.....	1	N	N	N	N	E	O	E	S	O	H	P	E
	2	E	P	E	P	L	L	L	L	M	N	P	E
	3	M	M	M	M	P	E	H	H	H	H	P	E
	4	E	P	E	P	M	M	M	M	L	L	P	E
Friday.....	1	S	O	O	S	H	S	H	O	P	E	S	H
	2	E	M	E	N	E	P	M	P	P	E	N	M
	3	M	M	E	P	E	P	P	E	P	E	M	M
	4	H	H	H	H	M	M	M	M	P	E	L	L
Saturday.....	1	H	H	H	H								
	2	N	N	N	N								
	3	L	L	L	L								
	4	M	M	M	M								

S=Seamanship.

N=Navigation.

O=Ordnance and gunnery.

H=English and history.

M=Mathematics.

P=Electrical engineering and physics.

E=Engineering and aeronautics.

L=Languages.

NOTE 1.—*Periods*.—The new routine provides for a total of 5 recitation periods per day—4 in the forenoon, each of 49 minutes duration, and 1 in the afternoon of 53 minutes duration. One half of the regiment (two battalions) recites during each of the forenoon periods. During the afternoon (fifth) period the whole regiment (four battalions) recites at one time.

NOTE 2.—*Battalion rotation*.—The assignment of periods of recitation to each department remains fixed throughout the term. Class battalions rotate each month in accordance with the table of "Battalion rotation." Example—First class, October, Monday, first period—the first battalion recites in ordnance and gunnery, the fourth battalion recites in seamanship, and the second and third battalions have study period. During the second period, the second battalion recites in ordnance and gunnery, the third battalion recites in seamanship, and the first and fourth battalions have study period.

In November, the time of recitation of each battalion changes as indicated—the second and third recite in ordnance and gunnery, and seamanship, respectively, during the first period and study during the second period. The first and fourth study during the first period and recite in ordnance and gunnery, and seamanship, respectively, during the second period.

In December, the first and fourth battalions shift back to recitations during the first period but reverse the departments in which they recite—the fourth reciting in ordnance and gunnery and the first in seamanship. This system of battalion rotation equalizes the times of recitation for each class battalion.

NOTE 3.—*Saturdays, third and fourth periods*.—Assignment of class battalions to departments are as shown on the schedule of practical instruction for the academic year 1932-33.

Program of recitations, second term, 1932-33

BATTALION ROTATION

February.....	1	4	2	3	1	4	2	3	1	4	2	3
March.....	2	3	1	4	2	3	1	4	2	3	1	4
April.....	4	1	3	2	4	1	3	2	4	1	3	2
May.....	3	2	4	1	3	2	4	1	3	2	4	1

Day	Class	First period		Second period		Third period		Fourth period		Fifth period			
Monday.....	1	H	H	H	H	P	E	P	E	O	H	E	P
	2	O	N	O	N	H	O	H	O	N	L	E	P
	3	E	P	M	M	P	E	P	E	M	M	E	P
	4	L	L	L	L	M	M	M	M	H	H	E	P
Tuesday.....	1	H	S	H	S	S	O	S	O	E	P	O	H
	2	O	H	O	H	P	E	P	E	E	P	N	L
	3	L	L	L	L	M	M	E	H	E	P	M	H
	4	M	M	M	M	P	E	P	E	E	P	H	H
Wednesday (odd numbered weeks).	1	O	S	O	S	E	P	E	P	S	H	N	O
	2	P	N	P	N	N	O	N	O	L	H	L	P
	3	P	E	H	E	E	H	M	M	M	M	E	P
	4	L	L	L	L	E	P	E	P	M	M	M	M
Wednesday (even numbered weeks).	1	O	S	O	S	E	P	E	P	S	H	N	O
	2	P	N	P	N	N	O	N	O	L	H	L	P
	3	P	E	H	E	E	H	E	P	M	M	M	E
	4	L	L	L	L	E	P	M	M	M	M	M	P
Thursday.....	1	N	O	S	H	O	N	O	N	H	S	P	E
	2	H	P	N	O	L	M	L	L	N	O	P	E
	3	H	E	L	L	M	M	M	M	L	L	P	E
	4	L	L	M	M	H	H	H	H	M	M	P	E
Friday.....	1	N	N	N	N	S	O	S	O	P	E	H	S
	2	O	N	O	N	E	P	E	P	P	E	H	H
	3	M	M	P	E	E	P	E	P	P	E	M	M
	4	H	H	H	H	M	M	M	M	P	E	L	L
Saturday.....	1	L	L	L	L								
	2	N	N	N	N								
	3	H	H	H	H								
	4	M	M	M	M								

S = Seamanship.

N = Navigation.

O = Ordnance and gunnery.

E = Engineering and aeronautics.

M = Mathematics.

P = Electrical engineering and physics.

H = English and history.

L = Languages.

NOTE 1.—The periods and battalion rotation follow the same system as for the first term.

NOTE 2.—*Saturdays, third and fourth periods*—Assignment of class battalions to departments are as shown on the schedule of practical instruction for the academic year 1932-33.

RÉSUMÉ OF COURSE OF INSTRUCTION

EXECUTIVE

The executive department, under the direction of the commandant of midshipmen, has for its mission—

Development of the highest standards of uprightness, truth, honor, loyalty, and patriotism.

Development of officerlike character, including the qualities of initiative, force, leadership, attention to duty, military bearing, cleanliness of mind and person, neatness of dress, and aptitude for the service.

Enforcement of the regulations for interior discipline.

General direction of all drills, including infantry tactics, extended order, and physical drill under arms.

Supervision of all midshipmen entertainments and extracurricular activities.

Service to the regiment of midshipmen by the midshipmen's commissary, midshipmen's store, tailor shop, laundry, barber shop, and cobbler.

Administration of Bancroft Hall, where the regiment of midshipmen is quartered and messed.

Supervision of the Naval Academy band, police, fire-fighting organization, farm and dairy, and commissary store.

Summary of practical instruction, 1932-33

[Totals]

	First battalion				Second battalion				Third battalion				Fourth battalion			
	Class				Class				Class				Class			
	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth	First	Second	Third	Fourth
Recreation.....	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12
Executive:																
Short.....	52	52	52	52	53	53	53	53	52	52	52	52	52	52	52	52
Long.....	14	6	6	8	14	6	6	8	15	7	7	9	16	7	7	9
Seamanship and flight tactics:																
Short.....	14	18	28	32	14	18	28	32	14	18	29	33	14	17	29	32
Long.....	10	3	4	13	9	2	3	13	9	2	3	12	9	2	3	12
Ordnance and gunnery:																
Short.....	18	12	4	0	18	12	4	0	19	13	4	0	18	13	3	0
Long.....	21	19	11	8	21	20	12	8	20	19	11	8	20	19	11	8
Navigation:																
Short.....	0	2	0	0	0	2	0	0	0	2	0	0	0	2	0	0
Long.....	4	1	0	0	5	1	0	0	5	1	0	0	5	1	0	0
Engineering and aeronautics:																
Long.....	27	25	33	41	26	24	31	40	26	24	33	40	26	24	32	40
Recitation.....	0	8	0	0	0	8	0	0	0	8	0	0	0	8	0	0
Electrical engineering and physics:																
Long.....	18	24	24	24	18	24	25	24	18	24	23	24	18	25	25	25
Recitation.....	0	8	16	0	0	8	16	0	0	8	16	0	0	8	16	0
Total.....	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190	190

NOTE.—The above total is exclusive of the last 9 days which are assigned to the executive department. This summary includes 190 drill days.

SEAMANSHIP AND FLIGHT TACTICS

The department of seamanship and flight tactics has for its mission the instruction of midshipmen to the end that upon graduation they may be capable of efficiently performing the duties of a junior officer afloat, as junior officer of the watch, junior deck division officer, junior forecastle officer, boat officer, assistant communication officer, and recorder of a summary court-martial. Midshipmen receive instruction giving them an elementary knowledge of flight tactics, aviation history, and aerology.

Seamanship drills commence with the day of the fourth classman's entrance into the academy, continue throughout the entire course, and are supplemented by practical instruction on the practice cruise. Commencing with learning how to pull a service cutter, the drills progress through handling service-type and civilian-type boats under oars, sail, and power; signals—semaphore, Morse visual code, and flag hoist; ground tackle and mooring gear; knotting and splicing; compass, log, and lead; tactics and evolution; communications.

In general, members of the fourth class take the ordinary crew duties, and have qualifications similar to seamen; third class, as important crew members, with qualifications as petty officer; second class, as second in command, with qualifications as chief petty officer; and first class, in command, with qualifications as junior officer.

Recitations are held in seamanship during the first and second term of the fourth year. The instruction covers seamanship, including aerology; international law and military law, elementary strategy and tactics, and scouting; study and discussion of the practical application of the rules of the road and the handling of ships; Navy regulations; and the principles and practical application of the mooring and maneuvering board.

For first class, additional instruction in tactics and in seamanship evolutions is carried on in submarine chasers, all of the duties of the deck force being taken over by the midshipmen, under the supervision of experienced officer instructors.

The first class is given flight during the spring instruction period.

The second class is retained at the Naval Academy during the summer and given an aviation training course.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
FOURTH CLASS YEAR						
Summer term.....	Cutters.....	80	80	None.....	None.	
	Sailboats.....					
	Knotting and splicing.....					
	Signals.....					
First term.....	Cutters.....	12	24	None.....	None.	
	Practical seamanship.....	6				
	Signals.....	6				
Second term.....	Cutters.....	12	24	None.....	None.	
	Practical seamanship.....	6				
	Signals.....	6				
THIRD CLASS YEAR						
Practice cruise.....	Parts of ship organization, station bills, ground tackle signals.	33	33	None.....	None.	
First term.....	Sailboats.....	12	18	None.....	None.	
	Signals.....	3				
	Wire splicing.....	3				
Second term.....	Sailboats.....	12	18	None.....	None.	
	Signals.....	3				
	Wire splicing.....	3				
SECOND CLASS YEAR						
Summer term.....	Flight training.....	6	24	None.....	None.	
First term.....	Motor launches.....	6				
	Subchasers.....	6				
	Cutters.....	6				
Second term.....	Motor launches.....	6	18			
	Subchasers.....	6				
	Cutters.....	6				
FIRST CLASS YEAR						
Practice cruise.....	Deck duties, ground tackle, organization.	33	33	None.....	None.	
First term.....	Flight training.....	3	12	Seamanship.....	20	48
	Subchasers.....	6		Military law.....	12	
	Cutters.....	3		International law.....	10	
				Communications.....	6	
Second term.....	Flight training.....	3	12	Elementary strategy and tactics.	14	48
	Subchasers.....	6		Seamanship.....	11	
	Cutters.....	3		Regulations.....	15	
				Mooring board.....	8	

ORDNANCE AND GUNNERY

The course includes all the theoretical and practical instruction required for the performance of gunnery duties aboard ship as a junior officer and in addition gives a thorough basic foundation for future study and development work in ordnance and gunnery. It is divided into two parts—section room and practical instruction. The section-room instruction covers subjects which must be studied and can best be learned as a midshipman; the practical instruction and drill includes work with all types of naval ordnance from small arms to turret guns and methods for control of all weapons. Drills which can be best given aboard ship and preparations for target practice are held during the practice cruise and not at the Naval Academy.

The practical work begins the summer of the fourth class year and includes firing on the rifle range with rifle and pistol up to the experts' course and explanation of all ordnance equipment and models in Dahlgren Hall. During the fourth, third, and second class years this practical instruction is continued with small arms, machine guns, broadside battery, torpedoes, models, and training in the duties of all personnel connected with ordnance. Second class also has instruction in mines and fire control. First class year is devoted to fire control and methods of using broadside and turret guns, aviation ordnance, aviation bombing, and grenades. On the first class practice cruise midshipmen, first class, perform the duties of officers in gunnery exercises with the fleet.

Instruction in the section room begins the second term, second class year, with a study of naval ordnance, gun construction, and torpedoes. In first class year a study is made of powder pressures, velocities and trajectories of projectiles, ranges and errors of naval guns, fire control of all types of guns, gunnery methods, including aviation gunnery, and the duties of a junior officer in the gunnery department aboard ship.

Textbooks and service publications are used which have been specially written by experienced officers of the United States Navy for instructional purposes of midshipmen and junior officers. Besides the study of these, a series of lectures on practical ordnance and gunnery is given by officers from the Navy Department or the fleet.

Throughout the course great stress is laid not only upon the duties of a junior officer in gunnery but the relation of each subject to the development of ordnance and gunnery in the United States Navy, the present gunnery methods of the fleet, and the possible future requirements which must be met by naval officers who are graduates of the Naval Academy.

Division of time

	Practical work	Number of hours	Total	Nonpractical work	Number of hours	Total
FOURTH CLASS YEAR						
Summer term.....	Small arms.....	80	92	None.....		
First term.....	None.....	6		None.....		
Second term.....	Small arms.....	6		None.....		
THIRD CLASS YEAR						
Practice cruise.....	Ordnance.....	30	66	None.....		
	Gunnery.....	15		None.....		
First term.....	Small arms.....	8		None.....		
	Ordnance.....	4		None.....		
Second term.....	Small arms.....	9				
				66		
SECOND CLASS YEAR						
Summer term.....	Aviation gunnery.....	17	57	None.....		
First term.....	Ordnance.....	4		None.....		
	Small arms.....	14		None.....		
Second term.....	Fire control.....	7		None.....		
	Ordnance.....	13		Ordnance.....	32	
	Small arms.....	2		Torpedoes.....	8	
				Mines.....	1	
				Fire control.....	6	
FIRST CLASS YEAR						
Practice cruise.....	Ordnance.....	15	94	None.....		
	Gunnery.....	30		None.....		
First term.....	Fire control.....	22		Fire control.....	7	
	Small arms.....	0		Interior ballistics.....	8	
Second term.....				Exterior ballistics.....	34	
	Fire control.....	13		do.....	10	
	Bombing.....	1		Fire control.....	9	
	Range finders.....	6		Gunnery instructions.....	24	
	Small arms.....	7	Aviation gunnery.....	4		
			94			96

NAVIGATION**THIRD YEAR—SECOND CLASS—FIRST AND SECOND TERMS**

For the class of 1934 the navigation course will be completed in one year. The course starts during the summer term with the study of astronomy and hydrographic surveying. Geonavigation is then taken up during the academic year in a progressive study covering the compass, sailings, piloting, various types and solutions of sights, rising and setting of sun and moon, use of azimuth, tide and current tables, mooring board, and aerial navigation. Three periods each month are devoted to practical work. Other periods are used for practical instruction as found desirable.

FIRST CLASS CRUISE

During the first class cruise the midshipmen perform navigational duty on board ship. They are required to take sights, work them out, and to locate the ship's position by these sights and dead reckoning. Piloting is taught under circumstances which enable the midshipmen to see how the ship is handled. The midshipmen assist in compensation of the compass. The value and use of the gyro-compass are demonstrated.

FOURTH YEAR—FIRST CLASS—FIRST AND SECOND TERMS

The class of 1933 will continue their navigation course through first class year having had only three periods per week second class year. In order that they will be prepared to perform navigational duties on board ship in accordance with standard service practice, a fictitious cruise around the world is conducted so that they will encounter all variations of the problem of obtaining the position. In addition, the following subjects are taught in the section room, at drills, and by practical instruction in the chart room:

- (a) The duties of the navigator in accordance with Navy regulations.
- (b) Aerial navigation.
- (c) The value and use of radio bearings.
- (d) The use and relative value of various methods for the solution of the astronomical triangle.
- (e) Hydrographic surveying.

Division of time

	Practical work	Number of hours	Total	Nonpractical work	Number of hours	Total
SECOND CLASS YEAR						
Summer term.....	Astronomy..... Hydrographic surveying.	1½ 4	5½	Astronomy..... Hydrographic surveying.	15½ 4	19½
First term.....	Navigation.....	22		Navigation.....	55		55
Second term.....	Navigation..... Aerial navigation..... Mooring board.....	19 4 4	27	Navigation..... Aerial navigation..... Mooring board.....	39 6 8	53
FIRST CLASS YEAR						
Practice cruise.....	Navigation..... (Time varies somewhat due to weather, time at sea, etc.)	96	96			
First term.....	Hydrographic surveying. Navigation.....	7½ 24	31½	Hydrographic surveying. Navigation.....	2 23	25
Second term.....	Navigation..... Aerial navigation.....	18 6		Navigation..... Aerial navigation.....	19 5	
			24			24

ENGINEERING AND AERONAUTICS

FOURTH CLASS YEAR—SUMMER AND FIRST TERMS

Descriptive geometry and mechanical drawing.—Instruction in use of drawing instruments and development of manual dexterity in employment. Standard methods of lettering and practice in their use. Application of the foregoing to descriptive geometry, with the representation of lines, planes, curved surfaces, and intersections, in order to develop the ability to visualize objects in space.

FOURTH CLASS YEAR—SECOND TERM; THIRD CLASS YEAR—FIRST TERM

Engineering drawing.—Making of free-hand working sketches of small machine parts, with full dimensional data taken from work, and the making of standard working drawings from such sketches. Understanding of standardized parts.

and use of tables of standards in design. The making of detail from assembled drawings and vice versa, particular emphasis being laid upon the ability to read blue prints correctly and to appreciate good points in the design of a machine.

THIRD CLASS YEAR—SECOND TERM

Mechanisms.—A study of the underlying principles governing the relative motions of parts of machinery, including revolving and oscillating bodies; belt, rope, and chains; motion by pure rolling contact; gears and gear teeth; wheels in train; inclined plane, wedge, screw, worm and wheel; cams; relative velocities of rigidly connected points; linkwork; straight-line mechanisms; parallel motions; aggregate combinations; pulley blocks; intermittent motion.

Engineering materials.—A study of engineering and construction materials; their properties and uses, and the essential steps in producing them from ore to the finished product. The study of the essential features of metallography, particularly with reference to steel.

SECOND CLASS YEAR—FIRST TERM

Thermodynamics.—The utilization of heat as energy to perform mechanical work in various types of machinery, such as turbines, internal-combustion engines, refrigerating machinery, etc., including a study of the use of steam tables and diagrams.

SECOND CLASS YEAR—SECOND TERM

Naval reciprocating engines and auxiliary machinery.—General principles and thermodynamics as applied to this type of machinery; study of mechanical parts and materials used; measurement of power; fundamentals of construction and operation of condensers, pumps, valves, heaters, tanks, lubrication systems, and complete installations.

Steam turbines.—Underlying principles of turbines, their classification into types, and the characteristics of each type; necessary turbine auxiliaries; study of various types of turbines used in the Navy; general principles of operation and care of marine turbine installations.

FIRST CLASS YEAR—FIRST TERM

Internal-combustion engines.—Underlying principles of internal-combustion engines. Study of Otto and Diesel cycles, and their application to existing types of engines. Fuels and lubricants. Study of marine types of gasoline and oil engines, and of aircraft engines, including mechanical parts, carburetion, lubrication, cooling, and ignition system. General principles of operation.

Boilers.—A study of different fundamental types of marine boilers, including principles of water and gas circulation; combustion and fuels; boiler accessories fittings, and measuring instruments; general principles connected with operation and maintenance. This course is not given in the academic year 1932-33, due to a change in the curriculum. The Class of 1933 has had this instruction in the year 1931-32.

FIRST CLASS YEAR—SECOND TERM

Naval construction.—General study of ship's lines and definitions pertaining thereto; various steps in planning a ship; calculations of areas and volumes; general principles of stability, both static and dynamic; displacement and trim, with curves in relation thereto; effects of weight distribution and of weight shifting; resistance of ships; coefficients of speed, law of corresponding speeds; ship nomenclature; details of construction of naval vessels; launching and docking; general arrangement of ship compartments and methods of flooding, draining, and ventilating; details of steering gear; care and preservation of hulls.

PRACTICAL WORK

FOURTH CLASS YEAR—SUMMER

Pattern shop.—Elementary work of the carpenter shop, mortising, joining, and use of woodworking lathes, band saw, etc. Making of simple patterns, demonstrated.

Machine shop.—Instruction in use of power tools and in metal turning and screw cutting.

Coppersmith shop, forge shop, foundry.—Elementary instruction in work done in these shops. Molding and casting from patterns made in pattern shop.

Elementary engineering.—Examination of models and talks on boilers, reciprocating engines, turbines, internal-combustion engines, fire-room and engine-room auxiliaries, evaporators, etc.; ship construction, docking, steering engines, anchor engines, etc.

Engineering materials.—Explanation of common machine parts, as bolts, rivets, pipes and pipe fittings, and testing of metals commonly used.

FOURTH CLASS YEAR—WINTER PRACTICAL EXERCISES

Pattern shop.—Selection and treatment of different kinds of woods for various purposes; continuation of summer work of the carpenter shop to finished pattern work. Demonstrations of methods of casting from intricate patterns.

Machine shop.—Vise bench work, principally fitting of bearings, and study of lubrication problems.

Boilers and engines.—Lectures on operation and maintenance, and sketching interior details.

THIRD CLASS YEAR—SUMMER PRACTICE CRUISE

Tour of inspection of engine and boiler compartments and auxiliary stations; study and sketching (where applicable), of the general arrangement of machinery, accessories and fittings, corrosion, cleaning and painting, care of compartments, blue-print reading, shops, tools, materials, and repair work. Stand watches in all engineering divisions. Lectures supplemented by moving pictures and slide films.

THIRD CLASS YEAR—WINTER PRACTICAL EXERCISES

Foundry.—Kinds of sand and implements used; making of molds; melting and pouring of iron and brass.

Forge shop.—Equipment and tools used; forging, welding, tempering, case-hardening, and other heat treatment of metals; bending and quenching tests of metals, etc.

Aeronautics.—Types of aircraft and aircraft engines. Service problems in aviation and their solution.

Coppersmith shop.—Soldering, hard and soft; making copper pipe; putting flanges on pipe; use of oil furnace and oil heater; sweating patch on a copper pipe; cutting and welding of metals.

Machine shop.—Machine-tool work from working drawings, including the setting of work. Machine tools used are lathes, planers, vertical and horizontal boring mills, simple and radial presses, shapers, milling machines, slotters, etc.

Forge shop.—Heat treatment of steel.

Engineering accessories.—Pressure and vacuum gauges and their calibration. Measuring instruments and types and uses of valves. Valve grinding.

Sketching.—Explanation of the line sketch to show essential principles of a machine without minor details, as suited to classroom procedure. How to supply by individual ingenuity missing parts to a mechanism.

SECOND CLASS YEAR—SUMMER TERM AT NAVAL ACADEMY

Steam laboratory.—Study and use of engine indicators, calibration of indicator springs, use of planimeter. Study and use of steam calorimeters, use of steam tables, determination of quality of steam. Study of a complete turbine plant.

Heat laboratory.—Elementary study of heat transfer—conduction, convection, and radiation. Comparison of conductivity of different metals and materials. Radiation from different type surfaces. Elementary study of effect of water and gas films. Parallel and counter heat flow showing effect of water film and temperature difference on heat transferred. Comparative test of heat loss from ordinary and film type radiator.

Material-testing laboratory.—Tensile, torsion, bend, and hardness tests. Thermo-couple calibration. Cooling curves and thermal equilibrium diagram for a series of binary alloys. Preparation and microscopic examination of alloy specimens. Influence of carbon on hardness and hardening power of steel. Tempering of steel. Copper pipe making and patching. Copper pipe bending, flanging and tinning.

Pump stand.—Analysis of the operation of a simple double acting single stroke reciprocating steam pump with particular reference to the fundamental laws of physics. Determination of theoretical and actual effective pump pressure. Determination of slip, thermal efficiency, mechanical efficiency, etc.

Internal-combustion-engine laboratory.—Operation and test of various type internal combustion engines. Determination of indicated horsepower, heat energy available in fuel, heat energy converted to useful work, and heat losses. Influence on speed power and economy of spark setting and throttle opening. Effect of detonating tendencies of a fuel on suitability for use in different type internal combustion engines.

Graphical mechanics.—Treatment of simple harmonic motion; crank and connecting rod motion by polar diagrams. Construction of inertia and crank effect curves for radial air cooled aviation engine.

Analysis of swinging bar quick-return mechanism. Velocity diagram of Whitworth quick-return mechanism. Practical use of various methods of measuring areas—planimeter, trapezoidal rule, Simpson's rule. The funicular polygon as drawn and checked by experiment. Construction of centrodes of anti-parallel cranks and comparison with equivalent mechanisms.

Aviation.—Measurement of air resistance of various shapes at different air velocities by means of 9-inch wind tunnel. Construction of lift and drag curves for miniature air foil.

Inspection Trips.—Visit to Bethlehem Steel Co.'s Sparrows Point plant. Visit to Naval Engineering Experiment Station. Visit on board destroyer at dock and under way. Visit on board submarine at dock and under way.

SECOND CLASS YEAR—WINTER LABORATORY EXERCISES

Detailed inspection of marine turbines, reduction gear, and condensing plant; turbine blading; thrust bearings; air ejectors; marine auxiliaries; machinists' measuring instruments; fluid metering devices; refrigeration test; evaporator test; pump alignment; shaft alignment; rotary pump characteristics; static and dynamic balancing; boiler water and flue gas analysis; fuel and lubricating oil testing; installation of packing; electro hydraulic steering gear; forced lubrication.

FIRST CLASS YEAR—SUMMER CRUISE

Administration of the engineer department; study and operation of main engines and auxiliaries, power-boat engines; emergencies; repairs; stand watches of junior officer, machinist, chief petty officer, and other stations as required. Daily lectures.

FIRST CLASS YEAR—WINTER LABORATORY EXERCISES

Metals laboratory.—Tension, hardness and torsion tests; microscopic examination and heat treatment.

Internal combustion laboratory.—Heat balance, economy vs. spark setting. Compression ratio vs. power and economy. Knock value of fuels.

Heat laboratory.—Conduction, radiation and free convection, radiant heat and coefficient of thermal conductivity.

Steam laboratory.—Vapor pressure, quality of steam, and heat balance of reciprocating engines. Tests and calibration of reciprocating pumps. Air flow measurements with venturi, impact and pitot tubes and orifice. Wind tunnel tests, including experiment.

Refrigeration tests.

Inspection of various ships' models showing details of warship construction; also docking, stability and buoyancy, and damage control.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
FIRST CLASS YEAR						
Summer term.....	Cruise.....	(4)				
First term.....	Laboratories.....	26	26	Bollers.....	12	
				Internal-combustion engines.	11	
				Heat transfer apparatus.	25	43
Second term.....	do.....	26	26	Warship construction and stability control.	32	32
SECOND CLASS YEAR						
Summer term.....	Steam laboratory.....					
	Heat laboratory.....					
	Material-testing laboratory.					
	I. C. E. laboratory.....					
	Pump stand.....					
	Graphical mechanics..					
	Visit to plants and ships.					
First term.....	Laboratories.....	24	24	Thermodynamics.....	48	48
Second term.....	do.....	24	24	Thermodynamics; turbines; naval reciprocating engines; naval auxiliary machinery.	40	40
THIRD CLASS YEAR						
Summer term.....	Cruise.....	(1)				
First term.....	Shops.....	22	22	Drawing.....	90	90
Second term.....	do.....	32	52	Mechanisms.....	32	
				Materials.....	32	64
FOURTH CLASS YEAR						
Summer term.....	Shops. Elementary engineering; indoctrination.	30				
	Sketching.....	25				
			55			
First term.....	Shops.....	20	20	Drawing.....	68	68
Second term.....	do.....	20	20	do.....	63	63

¹ 3 weeks' watch standing and making notes.

MATHEMATICS

FIRST YEAR—FOURTH CLASS—FIRST TERM

Solid geometry.—A brief course in solid geometry stressing particularly mensuration in three dimensions, will be given in September before the beginning of the academic year.

Logarithms.—Definitions and properties; practical use in computation; tables of logarithms of numbers, of logarithms of trigonometric functions, and tables of natural functions; haversine tables; special system of forms for computation.

Plane trigonometry.—Measurement of arcs and angles; trigonometric functions; development and use of fundamental trigonometric relations and identities; solution of trigonometric equations; solution of all cases of plane triangles, including development of formulas and methods for same; simple applications to measuring heights and distances.

Algebra.—Short review of important parts of elementary algebra; quadratics and advanced algebra, including inequalities, mathematical induction, binomial theorem, variation, progressions, complex numbers, theory of equations, partial fractions, permutations, combinations, probability, determinants.

Introduction to engineering mathematics.—A problem course based on previously acquired knowledge of algebra, geometry, and trigonometry. Stress is laid on precision in calculation, so that the indicated accuracy of the results will be consistent with the exactness of the data. Theory and use of the slide rule.

FIRST YEAR—FOURTH CLASS—SECOND TERM

Calculus.—Derivatives of algebraic functions, applications of derivatives; differential notation; differentiation of transcendental functions; integrations; applications of integrals; successive differentiation and integration; curves and curve tracing; definite integrals; application of integration to geometry and mechanics; special methods of integration; functions of two or more variables; multiple integrals; infinite series.

Plane and solid analytic geometry.—Taken concurrently with calculus, using the same textbook.

SECOND YEAR—THIRD CLASS—FIRST TERM

Calculus and analytic geometry.—This course will be completed in the first term of the second year by the class of 1935 only; hereafter it will be completed in the second term of the first year.

Mechanics.—Use of the slide rule; vectors; statics of a particle; forces acting on a rigid body; statics of a rigid body; centers of gravity and moments of inertia; deformable bodies, beams; rectilinear motion; work and energy; curvilinear motion; dynamics of a rigid body; brief treatment of hydromechanics.

SECOND YEAR—THIRD CLASS—SECOND TERM

Mechanics.—This course will be completed in this term by the class of 1935 only; hereafter it will be completed in the first term.

Complex numbers and hyperbolic functions.—Elementary theory of complex numbers and hyperbolic functions, with application, especially to electrical engineering.

Differential equations.—Thorough drill in the setting up and solution of geometrical and physical problems involving important types of ordinary differential equations.

Spherical trigonometry.—Applications of spherical trigonometry, especially to problems concerning the terrestrial and celestial spheres.

THIRD YEAR—SECOND CLASS—FIRST TERM

(For class of 1934 only)

Spherical trigonometry.—Applications of spherical trigonometry, especially to problems concerning the terrestrial and celestial spheres.

Complex numbers and hyperbolic functions.—Elementary theory of complex numbers and hyperbolic functions, with applications, especially to electrical engineering.

Differential equations.—Thorough drill in the setting up and solution of geometrical and physical problems involving important types of ordinary differential equations.

Division of time

FIRST YEAR—FOURTH CLASS

	Number of hours
Summer term—Drill in solid geometry, logarithms, and computations----	26
First term—	
Plane trigonometry-----	35
Algebra-----	31
Engineering mathematics-----	9
Second term—Calculus-----	90

SECOND YEAR—THIRD CLASS

First term—	
Calculus-----	48
Analytic geometry-----	
Mechanics-----	35
Second term—	
Mechanics-----	34
Differential equations-----	35
Spherical trigonometry-----	10

THIRD YEAR—SECOND CLASS

First term—	
Spherical trigonometry-----	8
Differential equations-----	54
Complex numbers and hyperbolic functions-----	4

ELECTRICAL ENGINEERING AND PHYSICS

The course of instruction given by this department includes chemistry, physics, direct-current electricity, alternating-current electricity, and radio. The following is an outline of the subjects studied by each class:

FIRST YEAR—FOURTH CLASS—FIRST AND SECOND TERMS

The year is devoted to the study of general inorganic chemistry with laboratory work. In addition, lectures and demonstration lectures are given on the practical application of chemistry to the naval service.

Practical work in the chemical laboratory supplements the class-room instruction. Experiments are performed illustrating the preparation and properties of various gases and other substances and include elementary qualitative analysis.

SECOND YEAR—THIRD CLASS—FIRST AND SECOND TERMS

The subject of physics is taken up during the whole of the third class year and includes the study of mechanics, heat, sound, light, magnetism, and elementary electricity, and the application of the various laws and principles in these branches of the subject, with special stress on problems. The course forms the groundwork for more advanced studies in other subjects, and includes the flight of projectiles, gyroscopes, elements of thermodynamics, submarine listening devices, theory of flight, and optical instruments.

Practical work in the physics laboratory comprises experiments illustrating various physical laws studied in the classroom. Frequent lectures and demonstration lectures supplement and amplify the classroom and laboratory work.

THIRD YEAR—SECOND CLASS—SUMMER TERM

During the three months summer term at the Naval Academy the second class is given an electrical laboratory course and a radio operators' course. The purpose of the laboratory course is to acquaint the midshipmen practically with the fundamental phenomena of electric and magnetic circuits and to give them some experience in handling and operating electrical circuits and machinery before they take up the regular study of electrical engineering in the academic year. In addition to the laboratory work, a few lectures and motion pictures are given to amplify and clarify details and principles.

The radio operators' course consists of practice in receiving and is designed to produce a minimum proficiency of reception of eleven (11) code groups per minute. When a speed of fifteen (15) code groups per minute is attained, instruction is given in sending procedure and in radio traffic handling.

THIRD YEAR—SECOND CLASS—FIRST TERM

The first term is devoted to the study of magnetism, electrostatics, direct-current circuits, and machinery. The application of Ohm's and Kirchhoff's laws to circuits are investigated; also the theory and operation of dynamo-electric machines, power distribution, and storage batteries.

Laboratory work parallels the text and covers the following: Magnetic fields; induced e. m. f.; measurements of electrical quantities; divided circuits; fall of potential; use and calibration of different electrical measuring instruments; operation, study of characteristics, and measuring efficiencies of dynamo-electric machinery, and operation of electrical equipment supplied naval vessels.

THIRD YEAR—SECOND CLASS—SECOND TERM

One month of this term is devoted to the completion of the subject of direct current machinery and the remainder is devoted to the subject of alternating currents. Fundamental principles and laws of alternating currents and their application to electrical machinery are covered. Laboratory work parallels the text.

A series of lectures throughout both terms is given to demonstrate the practical application of the fundamentals dealt with in the text and investigated in the laboratory. These lectures also cover the practice in the electrical department aboard vessels of the fleet.

FOURTH YEAR—FIRST CLASS—PRACTICE CRUISE

While on the practice cruise one-third of the time assigned to engineering is devoted to electrical instruction. This includes watch standing and lectures, as well as notebook work covering the more important part of the electrical plant.

FOURTH YEAR—FIRST CLASS—FIRST AND SECOND TERMS

The first class continues the subject of alternating-current electricity, including radio, half of the time available being devoted to the study of radio.

The study of the alternator is continued, including alternator regulation, efficiency, and parallel operation, and proceeds to the study of transformers, the polyphase induction motor, the synchronous motor and rectifiers, including the synchronous converter. The application of electric drive to ships and the self synchronous transmission system are included.

The radio course covers the underlying principles of radio communication. The time allotted to radio is devoted to the study of the fundamental principles governing the operation of spark, arc, and vacuum-tube equipment according to their relative importance.

The above radio course covers the following: Wave motion, resistance, inductance, capacity, and resonance, as applied to radio circuits; the simple oscillating circuit; use of the frequency meter; damped and continuous wave transmission; radiation of waves; receiving apparatus; uses of the vacuum tube as a detector, amplifier, modulator, and oscillator; regeneration; multiple stage amplification; radiotelephony; antennas; and interference and selectivity.

Laboratory work and lectures form an important part of the course. The electrical laboratory work comprises an elementary study of inductance and capacity in alternating-current circuits, alternating-current generators, motors, and transformers. In the radio laboratories the instruction comprises experiments with simple oscillating circuits, use of frequency meters, use of vacuum tube as a detector, amplifier, generator, and modulator.

Division of time

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
FIRST CLASS YEAR						
Practice cruise	Lectures on ship's electrical equipment and elementary radio.	6	20	None		
	Study and preparation of notebooks.	4				
	Watches in dynamo and distribution rooms and inspections.	10				
First term	Alternating current laboratory.	24	24	Alternating current electricity:		
	Practical instruction (drills).	0		Recitations	20	
				Lectures	3	
				Examinations	4	27
Second term	Radio laboratory	24	28	Radio:		
	Practical instructions (drills).	4		Recitations	18	
				Lectures	6	
				Examinations	4	28
SECOND CLASS YEAR						
Summer term	Direct-current electrical laboratory.	45	65	None		
	Radio operator's course	20				
First term	Direct-current electrical laboratory.	36	36	Direct-current electricity:		
				Recitations	33	
				Lectures	4	
				Examinations	8	45

Division of time—Continued

	Practical work	Number of hours	Total	Nonpractical	Number of hours	Total
Second term.....	.....do.....	17		Direct-current electricity: Recitations..... Lectures..... Examinations.....	8 0 2	
	Alternating-current electrical laboratory.	17	34	Alternating-current electricity: Recitations..... Lectures..... Examinations.....	21 4 6	41
THIRD CLASS YEAR						
Summer term.....	None.....			None.....		
First term.....	Physics laboratory.....	24	24	Physics: Recitations..... Lectures..... Examinations.....	45 18 8	71
Second term.....	.....do.....	24	24	Physics: Recitations..... Lectures..... Examinations.....	43 20 8	71
FOURTH CLASS YEAR						
Summer term.....	None.....			None.....		
First term.....	Chemical laboratory.....	22	22	Chemistry: Recitations..... Lectures..... Examinations.....	28 4 8	40
Second term.....	.....do.....	18	18	Chemistry: Recitations..... Lectures..... Examinations.....	27 6 8	41

ENGLISH AND HISTORY

Courses in English and history are for the most part taught by the same instructors, and the two general fields are made to contribute to each other: in literature the thought being directed to the historical period of which the literature is a record and monument (as well as the opposite), and in history the written and oral exercises serving also as drills in English composition.

FIRST YEAR—FOURTH CLASS

Summer term

The new class are introduced to the Naval Academy Library, and for eleven weeks have a weekly reading period in the library or museum. By lectures and other means they are directed in their reading, and their attention is called to the importance of naval tradition and to the significance of the great names in the service, some of which they are meeting for the first time.

First and second terms

Composition and literature.—Emphasis is placed on organization and the principles which underlie effective composition, the theme considered as a whole and as the paragraphs, sentences, and words constituting it. Effort is made to form correct habits of writing and speaking and to gain ease of expression to the end that the chief attention may be given to the thought rather than to the medium of communication. Practice is held in public speaking, a form of composition every naval officer is certain to have occasion to use. In literature, study is of English masterpieces of the Romantic and Victorian periods. Three plays of Shakespeare are read and discussed.

SECOND YEAR—THIRD CLASS

First term

Naval history.—The study is of sea power and its relation to (1) development of ships and armament, (2) lives and characters of great leaders (stress being placed on the growth of American naval tradition), and (3) effect on contemporary and subsequent history; in this, discussion is of naval engagements from Salamis to Jutland.

Second term

United States history.—The period considered is from 1865 to the present, emphasis being given to the origin and development of the institutions of to-day. The *Atlantic Monthly*, subscribed to for the four months of the term by each member of the class, furnishes material on social, political, and economic questions of current interest.

THIRD YEAR—SECOND CLASS

Summer term

General reading.—Midshipmen select books almost at will from eight extensive fields, writing a paper on each book read. Weekly lectures aim to stimulate and direct their reading.

Second term

Comparative literature.—One author representative of each of five modern literatures is selected for a study of the people, their characteristics and genius. The authors designated for 1932-33 are Cervantes, Goethe, Balzac, Ibsen, and Barrie.

FOURTH YEAR—FIRST CLASS

First term

History of American diplomacy. History of the French Revolution.—Choice is allowed midshipmen in deciding which of these courses will be studied. In the study of American foreign relations the period covered is from 1776 to the present time; in the French Revolution it is from 1763 to 1815. Both courses will be conducted by oral and written recitations and lectures.

Second term

Modern European history.—The period covered is from 1815 to the present time, and, as in the first term, Friday-evening lectures by historians and men of affairs from the outside are an essential part of the course. Individual topics in modern history will be assigned each month for reading in the library and for writing papers on. This phase of the study constitutes one-third of the course.

After-dinner speaking.—In both the first and the second term midshipmen of the first class attend dinners followed by after-dinner speaking in the banquet room, Bancroft Hall, a schedule being arranged so that each midshipman will attend two dinners a year.

Division of time

	Course	Number of hours
FIRST YEAR—FOURTH CLASS		
Summer term.....	General reading, exercises in library and museum.	12 hours plus 18 lecture hours.
First term.....	Composition and literature.....	48 hours.
Second term.....	do.....	Do.
SECOND YEAR—THIRD CLASS		
First term.....	Naval history.....	Do.
Second term.....	United States history.....	32 hours.
THIRD YEAR—SECOND CLASS		
Summer term.....	General reading.....	16 hours.
Second term.....	Comparative literature.....	32 hours.
FOURTH YEAR—FIRST CLASS		
First term.....	History of American diplomacy..... or History of the French Revolution..... After-dinner speaking.	48 hours plus 8 lecture hours Do.
Second term.....	Modern European history..... After-dinner speaking.	Do.

MODERN LANGUAGES

1. Mission of the Department of Modern Languages: To instruct midshipmen in French, Spanish, German, or Italian in order that, upon completion of the course elected, they may possess a fair degree of fluency in the spoken language and the ability to employ the written language with ease and correctness.

2. The larger part of the entering class is assigned to the study of French or Spanish, as each midshipman may elect. The courses in German and Italian are offered to a smaller group, the members of which have demonstrated that they are particularly well qualified to pursue the study of one of these languages. Usually, sufficient midshipmen are selected to form two sections in each language.

3. The entering class is given a brief instruction in pronunciation in September, just prior to the beginning of the new academic year. During the first and second years, emphasis is placed upon pronunciation, grammar, and composition; this period is completed with the reading and study of a novel. During the third year, emphasis is placed upon the development of fluency in conversation. Upon the completion of the language course, midshipmen are offered the opportunity to qualify as interpreters and the names of those who successfully pass the examination are certified to the Navy Department for the appropriate entry in their official officer records.

4. Beginning with the Class of 1936, the course in Modern Languages will be reduced to three academic years.

Division of time

	Number of hours	Total
FOURTH CLASS YEAR		
September.....	10	
First term.....	52	
Second term.....	52	114
THIRD CLASS YEAR		
First term.....	36	
Second term.....	36	72
SECOND CLASS YEAR		
First term.....	36	
Second term.....	36	72
Grand total (Beginning with class of 1936).....		258
FIRST CLASS YEAR (CLASSES OF 1933, 1934 & 1935)		
First term.....	0	
Second term.....	12	12
Grand Total.....		270

HYGIENE

Soon after entrance midshipmen of the fourth class are given lectures in personal hygiene and the care of the human machine. The purpose of these lectures is to prepare the members of the entering class to make their fullest personal contribution to the continuance of their health (individually and collectively), and thus to their best scholastic possibilities. In other words, it is to ground them in the art of keeping themselves in good health—to acquaint them with those precautions which every man can take in his own behalf to prevent disease or minimize its effects and thus maintain himself at all times in the best possible physical condition and mentally alert. The lectures comprise the following subjects:

- (a) Physical education; i. e., care of the human machine.
- (b) Personal hygiene, including social-hygiene education.
- (c) Physical training, the benefits of muscular activity, and the dangers of overtraining.

(d) Preventable diseases and simple rules for maintaining health.

(e) Oral prophylaxis and the care of the teeth.

A competent representative of the medical department is always present at all official contests and authorized sports.

The first class during the second term is given a course in general hygiene, physiology, and first aid, using the adopted textbook by Capt. R. G. Heiner, Medical Corps, United States Navy. An outline of the course is as follows:

I. Minute anatomy and cell physiology.

II. Gross anatomy and physiology.

III. Bacteriology.

IV. Preventable diseases.

V. Venereal diseases.

VI. Naval hygiene.

VII. Military hygiene.

VIII. Physical training.

IX. First aid, including that for the effects of gas warfare.

X. Alcohol and other narcotics; their effects and dangers.

The course is illustrated by moving-picture reels.

Emphasis is placed on the methods of giving first aid, and practical demonstrations are given in order to prepare these future officers for the instruction of the men of their divisions, as required by Navy regulations.

Two examinations are held, mid-term and final, each embracing one-half of the textbook.

Division of time

	Number of hours	Total
FOURTH CLASS YEAR		
Summer term.....	4½	
FIRST CLASS YEAR		
Second term.....	16	20½

PHYSICAL TRAINING

In this department midshipmen are trained in the principles of health and recreation so as to fit them for a long period of healthful service. In addition they are given instruction in the various branches of physical drill and athletics in order better to qualify them as leaders and coaches of fleet athletics.

FIRST YEAR—FOURTH CLASS

Initial examination.—Immediately upon entrance to the Naval Academy each midshipman is tested in strength, posture, and swimming. A photographic and graphic record is made at this time.

Requirements

Swimming.—Ability to swim five minutes and demonstrate the crawl, back, right and left side strokes.

Strength.—Ability to equal the standard for strength in 32 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Practical use of muscles in various combinations such as jumping, running, etc.

Posture.—Knowledge of proper “brace” and ability to assume a correct posture.

Boxing.—Demonstration of the elements of self-defense.

Wrestling.—Knowledge and use of six wrestling holds and their counters.

Dancing.—Ability to demonstrate fundamentals of dancing.

In addition to the above subjects which are required, midshipmen of the fourth class are given instruction in football, baseball, crew, track and field, basketball, lacrosse, rifle, fencing, gymnastics, water polo, tennis, soccer, handball, and calisthenics.

SECOND YEAR—THIRD CLASS

Requirements

Swimming.—Ability to swim 120 yards in three minutes, using the crawl, right and left side strokes, and back stroke in that sequence.

Strength.—Ability to equal the standard of strength in 36 out of 42 of the chief muscles of the body.

Gymnasium requirements.—Graded improvement in use of muscles to equal the standards set in 14 practical gymnasium tests.

Posture.—Knowledge of proper “brace” and an habitual correct posture while standing or marching.

In addition to the above requirements midshipmen of the third class are given instruction in the fundamentals of the sports listed under fourth class.

THIRD YEAR—SECOND CLASS

Swimming.—Ability to swim 160 yards in four minutes, using the crawl, right and left side, and back strokes in that sequence. Practical demonstration of life saving and knowledge of resuscitation; diving.

Strength.—Ability to equal the standard for strength in 42 of the chief muscles of the body.

Gymnasium requirements.—Ability to equal the “A” tests in 14 various uses of the body in gymnasium tests.

Posture.—Ability to demonstrate proper posture and direct others in the fundamentals of posture.

In addition to the above requirements midshipmen of the second class are instructed in officiating athletic contests in the various branches of sports.

FOURTH YEAR—FIRST CLASS

Instruction in self-defense in use of the cane, rough and tumble, boxing, and wrestling. Course in coaching athletics. Instruction in golf.

Textbook used, Manual of Athletic Requirements, United States Naval Academy.

Additional instruction given with moving pictures and selected slides.

ATHLETICS

The department of physical training in conjunction with the Navy Athletic Association is in charge of the training of and fully equips all athletic teams, varsity, class, and company. All athletics are entirely voluntary.

Facilities are provided so that all midshipmen, regardless of size, weight, or degree of skill, find ample opportunity for participation in some form of sport at all times.

Competition in athletics with outside institutions is, in general, restricted to universities, colleges and preparatory schools. The wide range of competitive sports including varsity, plebe, class, and company meets results in practically every midshipman participating in one or more branches at some time during his course at the Naval Academy.

LIBRARY

The library contains 75,107 volumes, and increases at the rate of about 1,600 volumes a year. It is commodiously housed in Mahan Hall, in three large rooms, which are well lighted and ventilated, and all on the same level, with one of them containing a second deck for the shelving of bound sets of periodicals. The collection is especially rich in naval literature; and it is strong in history, biography, literature, travel, and reference books, with other subjects developed in less degree. About 95 periodicals are taken, 1 newspaper, and upward of 20 serials or annuals. All of this material is on open shelves, as freely accessible as it would be in one's own home. The arrangement is plain and convenient. The hours on week days are from 9 a. m. to 6.15 p. m., and on Sundays from 2.30 to 6 p. m. The allowance of books that may be borrowed is eight at a time to officers and professors, and two to midshipmen (periodicals counting as books).

A bulletin board announces the new books, and shows the contents of the "Proceedings of the Naval Institute," a monthly magazine of uncommon merit and of great value to the service. Further, to show what the library has to offer and to promote its uses and service, a mimeographed bulletin is issued about once a week, containing the titles of from 20 to 25 of the latest books acquired, and beneath each title is a line or two describing the characteristics of the work. Sometimes these bulletins are made up entirely of the titles of articles contained in the publications of naval or engineering societies, and at other times they show the latest articles of special professional interest that appear in the leading magazines. This bulletin is sent to all officers, professors, and midshipmen. It keeps them promptly informed of the books last acquired, and of those ready for use, and it is an aid to all concerned.

Use of the library has been growing steadily, both in reference and research work and in the number of books borrowed and carried to quarters. All midshipmen are required during their first summer to spend there one hour and a half a week. These periods are under the direction of the Department of English and History, and professors of that department are present at such times. The purpose is to acquaint midshipmen with the books, to teach them to use the catalogue and to look up topics on which information is sought, when they have need to do so.

Midshipmen may go to the library at all times when their studies and duties do not prevent. The library, constructed on lines of broad culture, reflects this in the training of midshipmen, and aids in giving them that general development which is important in the aim of the Naval Academy.

SUMMARY OF COURSE IN AVIATION INSTRUCTION

A course in aviation for the graduating class, supplementing the regular curriculum, was established at the Naval Academy by the Navy Department in May, 1925. The course includes three months of special intensive training instruction in ground and flight work, the object being to send the graduating class away from the Naval Academy well founded in the fundamental requirements of naval aviation. The first class to receive this aviation instruction was the class graduating in 1926. The classes that graduated in 1927 and 1928 have also received this instruction.

The scope of the course includes the following subjects and practical training, with time allotted to each in accordance with its relative importance:

- Structure and rigging.

- Aviation engines.

- Theory of flight.

- Aircraft communication.

- Aerology.

- Navigational instruments.

- Aerial navigation.

- Radio code practice.

- Flight training.

- Aerial gunnery.

- Aerial bombing.

- Range gunnery.

- Aircraft scouting.

- Combat and flight formations.

- General and special lectures on aviation subjects by prominent aviators.

- Reading courses on aviation subjects.

In 1929, flight observation training during the summer immediately after graduation was discontinued. The class of 1929 did not, therefore, receive this instruction. In lieu thereof a second class summer was established and the members of the class of 1931 were retained at the Naval Academy to undergo practical instruction in aviation and engineering subjects.

At present the indications are that the summer aviation schedule for the second class will become permanent.

PARTIAL LIST OF PRIZES AWARDED DURING THE ACADEMIC YEAR, 1931-32

SECRETARY OF THE NAVY'S TROPHIES FOR EXCELLENCE IN SMALL-ARMS FIRING

The Navy Department annually awards a trophy to the midshipman of each graduating class who has demonstrated outstanding proficiency in the use of the service rifle, and also a trophy to the foremost pistol shot of each graduating class. These trophies are designated as the "Secretary of the Navy's Rifle Trophy" and the "Secretary of the Navy's Pistol Trophy," respectively.

Midshipman GEORGE CUTHBERT HUNTER, class of 1932, was awarded the Secretary of the Navy's rifle trophy, and Midshipman MORTON SUNDERLAND, class of 1932, the Secretary of the Navy's pistol trophy.

MEDALS PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE

The Naval Academy presents each year gold, silver, and bronze medals, respectively, to the midshipmen of the second class who stand first, second, and third in excellence in small-arms target practice. This standing is determined by shooting the expert course "B" and the Naval Academy pistol course at a specified time, near the end of the academic year.

Recipients: First prize (gold medal), Midshipman DAVID STOCKTON McDougal, class of 1933; second prize (silver medal), Midshipman RAYMOND JOHN ST. GERMAIN, class of 1933; third prize (bronze medal), Midshipman GUY MARION MORROW, class of 1933.

Midshipmen who qualified as expert riflemen

SECOND CLASS (1933)

Bethea, J. S.	Heinz, L. C.	Ramee, J.
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THIRD CLASS (1934)

Latham, R. C.

FOURTH CLASS (1925)

Ayers, L. M. Bartlett, W. R. Beaman, C. R. Bemis, E. G. Bontier, A. M. Brandt, J. H. Bridewell, E. W. Bright, G. P. Brock, F. A. Bryan, E. P., 3d Burdick, R. S. Cain, W. W. Carson, E. B. Curtis, J. O. Cutter, S. D. Foster, R. C., jr. Gay, J. B., jr. Gayler, N. A. M.	Hansen, J. R. Harmer, R. E. Herold, F. B. Hill, L. A. Hood, C. A., jr. Howe, R. E. Jackson, W. G., jr. Jennings, C. B. Kintz, H. I. Lee, J. M. Lofland, J. H., jr. Lynch, R. B. Maurer, J. H. McCallum, J. L. P. McElroy, R. Y., jr. Mills, G. H., jr. Mini, J. H. Moore, W. A., jr.	Neely, W. L. Paret, R. S. Parrish, R. M. Powell, G. L. Riera, R. E. Rutherford, P. G. Sanger, K. J. Sullivan, W. A. Sweeney, V. A. Twiss, B. R. Walling, J. F. Ward, R. E. M. Weed, J. H. Wolfe, J. M., jr. Wood, B. D., jr. Wordell, M. T. Wulzen, D. W.
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Midshipmen who qualified as expert pistol shots

FIRST CLASS (1932)

Chambers, T. E.
McCandless, B.Sunderland, M.
Thomas, D. I.

Woodward, E. C.

SECOND CLASS (1933)

Blackburn, J. T.

THIRD CLASS (1934)

Antoniak, C.

FOURTH CLASS (1935)

Kunkle, R. D.

CLASS OF 1897 SWORD AND CUP

A sword is awarded annually by the class of 1897, U. S. N. A., to that midshipman of the graduating class who has contributed most by his officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment. The name of the midshipman to whom the sword is awarded is inscribed on the class of 1897 cup, which remains at the Naval Academy. Midshipman JOSEPH BURTON DAVIS, class of 1932, was awarded the sword and his name was inscribed on the cup.

CLASS OF 1871 SWORD

The class of 1871, U. S. N. A., provides funds each year to be given to that midshipman of the graduating class who is most proficient in practical and theoretical ordnance and gunnery, with the understanding that the recipient will purchase a Navy dress sword with these funds. There are further requirements as to how the sword shall be engraved. Midshipman EMERSON EVANS FAWKES, class of 1932, was awarded this prize.

CLASS OF 1924 PRIZE

A gold watch, suitably engraved, is presented each year by the class of 1924, U. S. N. A., to that midshipman of the graduating class who stands highest for the course in the department of engineering and aeronautics. Midshipman RICHARD SHAI MANDELKORN, class of 1932, was awarded this prize.

GENERAL SOCIETY, SONS OF THE REVOLUTION CUP

A cup has been presented to the Naval Academy by the General Society, Sons of the Revolution, and remains here. Each year the name of the midshipman who is most proficient in practical ordnance and gunnery is inscribed thereon. The name of Midshipman RICHARD SHAI MANDELKORN, class of 1932, was inscribed on the cup.

NATIONAL SOCIETY, DAUGHTERS OF THE AMERICAN REVOLUTION SWORD

A sword, suitably engraved, is presented each year by the National Society, Daughters of the American Revolution, to that midshipman of the graduating class who excels in practical seamanship. Midshipman J. HARRY HAYES, class of 1932, was awarded this prize.

MILITARY ORDER OF FOREIGN WARS PRIZE

A wrist watch, suitably engraved, is presented each year by the Military Order of Foreign Wars to that midshipman of the graduating class who stands highest for the course in the department of mathematics. Midshipman RICHARD SHAI MANDELKORN, class of 1932, was awarded the prize.

THOMPSON PRIZE

The late Col. Robert M. Thompson, class of 1868, U. S. N. A., provided for the awarding of a navigating sextant to that member of each graduating class who proves himself most proficient in practical and theoretical navigation. Midshipman RICHARD SHAI MANDELKORN, class of 1932, was the recipient of the sextant.

VAN DYKE PRIZE

A gold watch, suitably engraved, is presented by Dr. Henry van Dyke to the member of each graduating class who submits the best original article on any naval or equally patriotic subject. Midshipman FRANCIS DRAKE FOLEY, class of 1932, was awarded the prize.

GARDNER L. CASKEY MEMORIAL PRIZE

A gold watch, known as the "Gardner L. Caskey Memorial Prize," is presented each year to the midshipman who graduates at the head of his class for the course. The watch was awarded to Midshipman RICHARD SHAI MANDELKORN, class of 1932.

MAURY PRIZE

A pair of marine binoculars, known as the "Maury Prize," is presented each year by the United Daughters of the Confederacy to the midshipman of the third class who excels in physics. Midshipman JAMES EDWARD HALLIGAN, Jr., class of 1934, was awarded this prize.

COMMANDER JAMES EDWARD PALMER PRIZE

Mrs. James Edward Palmer presents a gold wrist watch known as the "Commander James Edward Palmer Prize," to the midshipman of each graduating class who is declared the most proficient in practical steam engineering. The watch was awarded to Midshipman BRUCE McCANDLESS, class of 1932.

LETTERS OF COMMENDATION AND APPRECIATION

In accordance with Naval Academy Order 11-31, letters of commendation and appreciation were addressed to the below-named midshipmen of the class of 1932, they having contributed most by their officerlike qualities and positive character to the development of naval spirit and loyalty within the regiment during the academic year 1931-32.

Louis Allen Bryan.

Joseph Burton Davis.

Robert Tate Simpson.

Francis Drake Foley.

Charles Leonard Frazer.

Gilbert Hesser Mitchell.

NATIONAL ASSOCIATION OF MUTUAL SAVINGS BANKS PRIZE

The National Association of Mutual Savings Banks offers an annual prize of \$100 for the best original essay on a theme relating to thrift and savings written by a member of the graduating class. Midshipman GEORGE CORSON, class of 1932, was the winner.

NEW YORK TIMES PRIZES

The New York Times presented annual prizes, as hereinafter enumerated, to the three midshipmen who in a competitive examination showed the broadest knowledge and most thorough understanding of current events both domestic and foreign:

(a) Senior contest (for midshipmen of the first, second, and third classes):

First prize.—A bronze plaque and a cash award of \$150. Recipient: Midshipman DONALD ORR LACEY, class of 1933.

Second prize.—A cash award of \$75. Recipient: Midshipman CLARENCE ALOYSIUS FLEISCHLI, class of 1933.

(b) Junior contest (for midshipmen of the fourth class):

A cash award of \$25. Recipient: Midshipman JOHN FRANKLIN WALLING, class of 1935.

NOTE.—The New York Times will not present prizes in this contest after June, 1932.

COL. ROBERT M. THOMPSON PRIZES

The late Col. Robert M. Thompson, class of 1868, U. S. N. A., provided for the following awards:

"Thompson Trophy Cup." On this cup is inscribed each year the name of the midshipman who has done most to promote athletics. A small replica of this cup is presented to the midshipman receiving the award. Recipient: Midshipman MAGRUDER HILL TUTTLE, class of 1932.

Binoculars for first place in inter-class sailing. Recipient: Midshipman HENRY GILBERT SHONERD, JR., class of 1935.

Monocular for second place in inter-class sailing. Recipient: Midshipman CHARLES FREDERIC BRINDUPKE, class of 1932.

NAVY ATHLETIC ASSOCIATION SWORD

A sword is presented annually by the Navy Athletic Association to the midshipman who is considered to have personally excelled in athletics. Midshipman GORDON WAITE UNDERWOOD, class of 1932, was awarded the sword.

COMPANY CUP

The Navy Athletic Association has also provided a cup on which is inscribed the name of the company commander of the company winning the intercompany athletic competition of the current year. Recipient: Eighth Company; Midshipman LOUIS JOSEPH KIRN, company commander.

HARVARD SHIELD

The numerals of the class of 1934 were engraved on the "Harvard Shield," which was presented by the Associated Harvard Clubs, as that class which excelled in interclass athletic contests during the past year.

CRENSHAW CUP

The name of Midshipman Victor Harold Krulak was inscribed on the Crenshaw memorial cup for 1932. This cup was presented by Mr. E. A. Crenshaw, and upon it is to be inscribed each year the name of the coxswain of that 8-oared crew winning the greatest number of races for that year.

LYSISTRATA CHALLENGE CUP

The race for the "Lysistrata challenge cup" was not held during the summer practice cruise, 1932, owing to the fact that there was only one practice cruise ship this year.





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